AMHERST COLLEGE BULLETIN

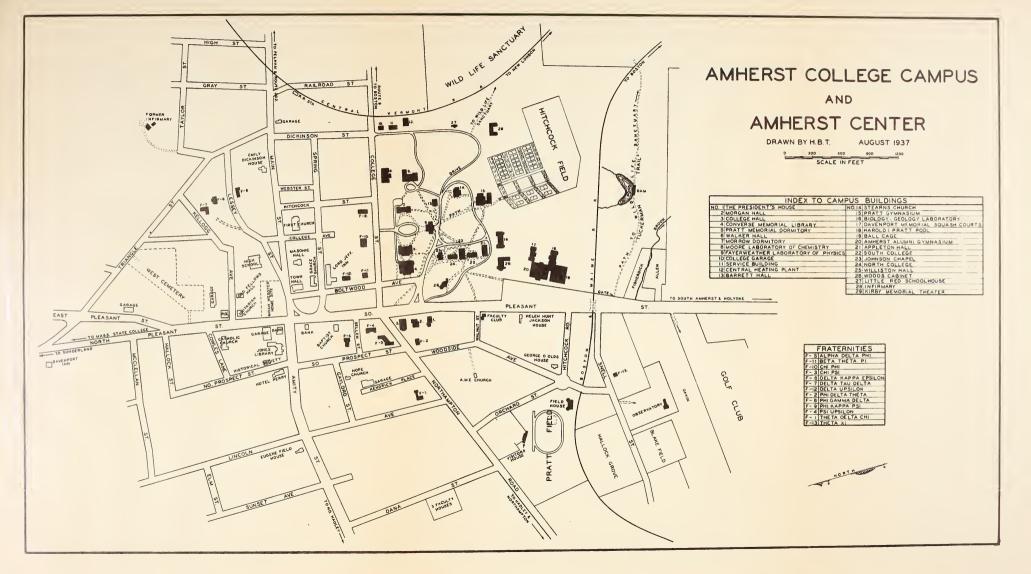


CATALOGUE NUMBER 1937-1938

AMHERST MASSACHUSETTS

AMHERST COLLEGE BULLETIN

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AMHERST COLLEGE BULLETIN



CATALOGUE NUMBER 1937-1938

AMHERST MASSACHUSETTS

1937	19	38	1939	
JULY	JANUARY	JULY	JANUARY	
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS	
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COLLEGE CALENDAR

SUMMER VACATION

September	22	Beginning of the College Year	2.00 P.M. Wednesday
October	5-8	Porter Prize Entrance Exami	-
November	5, 6	Alumni Council Meeting	ilations
November	24	Thanksgiving Recess begins	12:40 P.M. Wednesday
November	29	Thanksgiving Recess ends	7:50 A.M. Monday
December	21	Christmas Recess begins	1:00 P.M. Tuesday
1938		Om Bemas recess segms	2.00 1.11. 2 405443
January	5	Christmas Recess ends	7:50 A.M. Wednesday
January	25)		, , , , , , , , , , , , , , , , , , ,
February	5	Midyear Examination period	
February	7	Second Half-year begins	7:50 A.M. Monday
March	25	Spring Recess begins	1:00 P.M. Friday
April	4	Spring Recess ends	7:50 A.M. Monday
May	30	Memorial Day, a holiday	Monday
May 31-Jun	e 16	Final Examination period	Í
	7-20	Commencement	
		0 11	
		SUMMER VACATION	
September	21	Beginning of the College Year	3
October	4-7	Porter Prize Entrance Exami	nations
November 11		Alumni Council Meeting	
November	23	Thanksgiving Recess begins	12:40 P.M. Wednesday
November	28	Thanksgiving Recess ends	7:50 A.M. Monday
December	20	Christmas Recess begins	1:00 P.M. Tuesday
1939			
January	4	Christmas Recess ends	7:50 A.M. Wednesday
January	24	Midyear Examination period	
February	4 }		
February	6	Second Half-year begins	7:50 A.M. Monday
March	24	Spring Recess begins	1:00 P.M. Friday
April	3	Spring Recess ends	7:50 A.M. Monday
May	30	Memorial Day, a holiday	Tuesday
May 31-Jun		Final Examination period	
June 10	6-19	Commencement	•
		SUMMER VACATION	
September	20	Beginning of the College Year	2:00 P.M. Wednesday



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THE COLLEGE

"Amherst College, one of the best known of the so-called small New England colleges, is situated in a beautiful amphitheatre of hills in the town of Amherst, Massachusetts. It was founded in 1821 but did not receive its charter until 1825. Like most early colleges of New England, it was established with the chief aim of preparing students for the ministry. Although soon after its founding the college began to widen the scope of its activities, it has preserved to the present day the idea of a liberal as opposed to a vocational training. Consistent with this purpose it has never added graduate or professional schools, adhering strictly to a course leading to the degree of A.B. with an ever real, though diminishing, emphasis upon the ancient classics." ¹

The corporate name of the institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

A list of the Presidents of the College, with their terms of service, follows:

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REV. HEMAN HUMPHREY, D.D	823-1845
REV. EDWARD HITCHCOCK, D.D., LL.D	
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REV. GEORGE HARRIS, D.D., LL.D	
ALEXANDER MEIKLEJOHN, PH.D., LL.D	912–1924
George Daniel Olds, LL.D	
ARTHUR STANLEY PEASE, PH.D., LL.D	927-1932
STANLEY KING, LL.D	932-

¹ Encyclopaedia Britannica, 14th Edition, volume 1, page 808.

CORPORATION

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	Danvers, Mass.			
Chairman of the Corpor	ation			
STANLEY KING, LL.D.	Amherst, Mass.			
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Frederick J. E. Woodbridge, Litt.d.	, LL.D.			
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Lucius Root Eastman, ll.b.	New York, N. Y.			
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* Henry Selden Kingman, b.a.	Minneapolis, Minn.			
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* WILLIAM SARGENT LADD, B.A., M.D.	New York, N. Y.			
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Secretary of the Corpora				
Charles Amos Andrews, B.A.	Amherst, Mass.			
Treasurer of the Corpora	· ·			
* The terms of the Alumni Trustees expire as follows:				
Alfred Ernest Stearns	1938			
Louis Goldsborough Caldwell	1939			
Lewis Williams Douglas	1941			
FRANK LEAROYD BOYDEN	1942			

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The Chairman of the Corporation and the President of the College are members, ex officiis, of all committees.

- **Executive:** Messrs. Boyden, Douglas, Eastman (*Chairman*), Maynard, Patton, and Pratt.
- Finance: Messrs. Douglas, Eastman, Kingman, Maynard, Pierce (*Chairman*), and Pratt.
- **Instruction:** Messrs. Boyden, Douglas, Kinsolving, Ladd, Rugg, and Woodbridge (*Chairman*).
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- Honorary Degrees: Messrs. Caldwell, Douglas, Kinsolving, Rugg (*Chairman*), Stone, and Woodbridge.
- Folger Shakespeare Library: Messis. Caldwell, Eastman, Kingman, Patton, Stone (*Chairman*), and Woodbridge.

FOLGER SHAKESPEARE LIBRARY

By the will of the late Henry C. Folger of the Class of 1879 there was given to Amherst College the Folger Shakespeare Library in Washington, D. C., together with its collections and an endowment for maintenance, later increased by the generosity of Mrs. Folger. The building, located on East Capitol Street directly east of the Library of Congress, contains an exhibition hall, a small auditorium modeled on an Elizabethan theatre, a large reading room with ample book stacks and vaults, and smaller studies and offices for the Library staff and visiting scholars. A portion of the large collection of books, manuscripts, works of art, and other obiects associated with Shakespeare, the Elizabethan Age, and the stage history of Shakespeare's plays, has been placed on display in the exhibition hall and is open to public inspection on week days. The reading room is not open to casual visitors, but permission to read may be obtained by making application to the Director.

FOLGER SHAKESPEARE LIBRARY

(Washington, D. C.)

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13B Walker Hall

¹ Absent for the second semester.

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4 Orchard St.

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² Absent for the second semester.

³ Absent for the year on a John Woodruff Simpson Fellowship.

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HAROLD WILCOX MOSELEY, B.A., M.B.A. Teaching Fellow in Economics	The Faculty Club
Teaching Tenow in Economics	
Henry Franklin Williams, ph.d. Teaching Fellow in History	13 Spring St.

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John Woodruff Simpson Fellow

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Newton Felch McKeon, Jr., B.A.

20 Spring St.

Assistant Director

1 ROBERT STILLMAN FLETCHER

Amherst, Mass.

Otis Librarian

AGNES VERONICA DOHERTY

Converse Memorial Library

Executive Secretary of the Library

GEORGE FRISBIE WHICHER, PH.D.

46 Amity St.

Keeper of Rare Books

EUGENE KIMBALL MORSMAN, B.A.

The Faculty Club

Curator of Books

KATHARINE CONOVER COWLES, B.A. Converse Memorial Library

Chief Cataloguer

HONORARY CURATORS OF HOUSE LIBRARIES

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COMMITTEE OF SIX, 1937-1938

THEODORE BAIRD, PH.D.
THOMAS CUSHING ESTY, M.A.
FRANCIS HOWARD FOBES, PH.D.

Otto Charles Glaser, ph.d. Gail Kennedy, ph.d.

GEORGE ROGERS TAYLOR, PH.D.

1 Absent for the year.

NATURAL HISTORY MUSEUM OF AMHERST COLLEGE.

HAROLD HENRY PLOUGH, PH.D.

10 Dana St.

Curator of Zoölogy

ALFRED SHEPARD GOODALE, B.A.

18 North Prospect St.

Curator of Botany

SNELL MUSEUM OF PHYSICS

SAMUEL ROBINSON WILLIAMS, PH.D., SC.D.

Director of the Museum

5 Hitchcock Rd.

EDWARD HITCHCOCK MEMORIAL ROOM

GEORGE FRISBIE WHICHER, PH.D.

46 Amity St.

Honorary Curator

MARGARET RANDOLPH HITCHCOCK, M.A.

16 Hitchcock St.

Curator

COLLEGE PREACHERS

1937-1938

- Mr. Alfred Ernest Stearns, Litt.d., L.H.D., LL.D., '94, Danvers, Mass.
- REV. CHARLES HOWARD CADIGAN, B.D., '27, Director of Religious Activities, Amherst College
- REV. LEWIS HENRY DAVIS, M.A., B.D., First Methodist Episcopal Church, Cutchogue, N. Y.
- REV. ALLAN INGRAM LORIMER, B.D., '24, Franklin Street Congregational Church, Manchester, N. H.
- PROFESSOR SAMUEL RALPH HARLOW, Ph.D., Smith College
- REV. PAUL AUSTIN WOLFE, D.D., LL.D., First Presbyterian Church, Evanston, Ill.
- REV. REINHOLD NIEBUHR, D.D., Union Theological Seminary
- REV. ARTHUR LEE KINSOLVING, D.D., HON. '31, Trinity Church, Boston, Mass.
- REV. ALEXANDER CLINTON ZABRISKIE, S.T.D., Virginia Theological Seminary
- MR. CLAUDE MOORE FUESS, PH.D., LITT.D., L.H.D., '05, Headmaster of Phillips Academy, Andover, Mass.
- DEAN LYNN HAROLD HOUGH, D.D., LITT.D., L.H.D., LL.D., Dean of Drew Theological Seminary
- PROFESSOR HORNELL NORRIS HART, PH.D., Hartford Theological Seminary
- RT REV. JOHN THOMSON DALLAS, D.D., Bishop of New Hampshire, Concord, N. H.
- REV. JAMES GORDON GILKEY, D.D., The South Congregational Church, Springfield, Mass.
- PROFESSOR JAMES T. CLELAND, M.A., B.D., S.T.M., Amherst College
- MR. COLEMAN JENNINGS, B.A., Washington, D. C.
- REV. MORGAN PHELPS NOYES, M.A., Central Presbyterian Church, Montclair, N. J.
- RABBI MORRIS S. LAZARON, L.H.D., Baltimore, Md.
- PRESIDENT RALPH COOPER HUTCHISON, PH.D., D.D., Washington and Jefferson College
- REV. HENRY SLOANE COFFIN, D.D., LL.D., Union Theological Seminary

DEGREES

BACHELOR OF ARTS

The degree Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the degree Bachelor of Arts is arranged on the basis of a four years' course to be pursued by students in residence at the College.

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, or *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-three per cent, magna cum laude at eighty-eight per cent, cum laude at eighty per cent, and rite at seventy per cent.

MASTER OF ARTS

The degree Master of Arts is conferred upon Bachelors of Arts of Amherst College and of other colleges that confer the Bachelor degree under conditions equivalent to those at Amherst College, who, having secured for their proposed course of study the approval of the Dean, the Department concerned, and the Committee of Six, spend one year in residence at Amherst and satisfy the further requirements for this degree. An application form and a detailed statement of the requirements may be secured from the Dean.

ADMISSION

Correspondence concerning admission to the Freshman Class should be addressed to the Dean

SUBJECT REQUIREMENTS

The College admits to the Freshman class young men of character, health, and intelligence, selected from applicants for admission who have completed fifteen units in the following list of subjects, as certified by College Entrance Examination Board examinations, or by Regents' examinations, or by school record. The basis for valuation is one unit per course pursued for a school year; which will be understood to mean approximately a quarter of a full year's work.

English, 4 years

Elementary and Intermediate Algebra, 1½ years

Geometry, 1 year

And from the following,

3 units
2 units
1 unit
9 units

Latin

Greek

* French

* German

History

Advanced Mathematics

Science

Theory of Music (Harmony)

From the applicants thus qualified, the College will select young men for admission on the following basis:

1. Preference is given to men whose character already gives promise that the advantages the College offers will be wisely used.

^{*} Emphasis is placed upon French or German because a reading knowledge of one of these two languages is a college requirement for a degree. Spanish may be accepted for entrance in lieu of either of these if the scholastic record is excellent; but French or German will then have to be elected in college.

- 2. Preference is given to men of high intellectual ability. This ordinarily will be evidenced by rank well toward the top of the class in approved schools or by high grades in college entrance examinations. The work of the final year in preparation is given particular consideration.
- 3. Preference in general will be given to students offering three points in English, three in mathematics, and at least five in foreign languages, ancient preferred.
- 4. Sound preparation is expected in certain subjects which are important implements for the many different branches of college work. English, mathematics, and foreign languages (ancient and modern) are the subjects in which entering students should show proficiency. The other acceptable preparatory courses are in general those which we believe to be most efficiently taught at present in preparatory schools.
- 5. Good health is recognized as an important qualification for those to whom the College offers its privileges.

ADMISSION SUBJECTS

The detailed description of the requirements in each subject is given in the circular of information of the College Entrance Examination Board referred to below.

APPLICATION FOR ADMISSION

Candidates for admission are urged to file their applications with the Dean before the beginning of the final year of their preparatory course or as soon as possible thereafter. The regular application form will be sent on request.

PRESENTATION OF CREDITS

The full fifteen units of credit should be completed in June. Candidates should not count on summer work to

complete their credits, as the quota for the year may be filled in June.

Credits may be presented by College Entrance Examination Board examinations (Plan A, Plan B, or single), Regents' examinations if the grade secured is seventy-five per cent or better, or by acceptable school records at accredited schools.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of June 18-25, 1938

The College Entrance Examination Board will hold examinations in June 1938 at over 300 points in the United States and abroad.

A list of places at which examinations will be held will be published about March 1, 1938. Requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1, 1938.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of twenty-five cents, which may be remitted in postage.

Candidates presenting credit in any of their subjects by College Board Examinations should take also the Scholastic Aptitude Test.

All candidates wishing to take these examinations must make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City. Blank forms for this purpose will be mailed by the Secretary of the College Entrance Examination Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June 1938 should reach the Secretary of the Board not later than the dates specified in the following schedule:

For examination centers:

In the United States east of the Mississippi River or	
on the Mississippi	May 30, 1938
In the United States west of the Mississippi River or	
in Canada	May 23, 1938
Outside of the United States and Canada, except in	
Asia	May 9, 1938
In China or elsewhere in the Orient	April 25, 1938

ADMISSION CREDITS BY REGENTS' EXAMINATIONS

Examinations given by the Regents of the State of New York are accepted towards entrance to the extent to which they cover the requirements for admission to Amherst College, provided the Regents' grade is seventy-five per cent or higher.

ADMISSION WITHOUT EXAMINATION

- (a) From Schools in New England.—From preparatory schools which have been approved by the New England College Entrance Certificate Board certificates are accepted in place of entrance examinations.
- (b) From Schools Outside of New England.—Candidates from approved schools outside of New England may secure credit for admission without examination in those subjects in which their school record satisfies the Committee on Admissions. Records will be considered from schools which are on the approved list of the North Central Association of Colleges and Secondary Schools, the Association of Colleges and Secondary Schools of the Southern States, or the Middle States Association of Colleges and Secondary Schools. In determining the eligibility of other schools to

the approved list the College follows in general the method of the New England College Entrance Certificate Board.

The reports of school records are made on forms prepared by the College and sent to the principals. A preliminary report in January is supplemented by a final report in June.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Students who have completed in their preparatory schools or in a Junior College studies corresponding to courses given in Amherst College may obtain credit for such courses by special arrangement.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

To be eligible for transfer the candidate must meet the following requirements:

- 1. His credits must satisfy the full entrance requirements of Amherst College.
- 2. He must have completed creditably the work of at least one year in an institution of collegiate rank, and his general average at the institution he is leaving must correspond to or be better than the Amherst diploma average of seventy per cent.
- 3. He must present a statement of honorable dismissal. Candidates for admission by transfer are admitted in September only. The Dean will forward on request the application form for admission by transfer of credits.

CURRICULUM

DEGREE BACHELOR OF ARTS

The degree Bachelor of Arts is awarded to candidates who complete twenty year-courses, including a major; who in each of sophomore, junior and senior years elect two courses in two subjects in which courses were taken in the preceding year; and who complete in addition certain work in public speaking and in physical education. The candidates also must have no deficiencies in the work of any year, must have a reading knowledge of French or German, and must attain a general average of seventy per cent.

A major consists of three year-courses in the same subject pursued either (1) during three consecutive years, or (2) during the junior and senior years. A major must be completed in the senior year, and, therefore, it may not be begun until after the freshman year. The senior year course must be one considered by the department to be of advanced character.

Every student is expected to consult a member of the department in which he proposes to take his major course in regard to his plan of work in college.

Courses of study are by years. Each student takes five courses in each year, no student taking more than six courses. (This does not apply to Public Speaking 1.)

Early in his college course the student should note the prerequisites of the various departments in order that he may not be prevented from making the elections which he desires.

CURRICULUM

FRESHMAN YEAR

1-5. Each Freshman elects five courses from the following group:

Latin
Greek
French
German
English

Mathematics Biology Chemistry Physics

English Man and His Environment History

6. Public Speaking 1 b7. Physical education

SOPHOMORE YEAR .

1-5. Elective6. Physical education

JUNIOR YEAR .

Major
 Elective

SENIOR YEAR .

Major
 Elective

Sophomores, Juniors and Seniors who have not met the reading requirement in either French or German are required to elect one of these languages.

b This course runs through the year and requires attendance and study approximately equal in amount to one-third that of a regular three-hour course

^o Two of the courses elected must be in two subjects in which courses were taken the preceding year.

^{*} Sight-reading examinations in French and German are given on the Saturday afternoon preceding the formal opening of the College, and again in the spring. Freshmen offering three years of French or German for admission are required to take this examination in the fall. Freshmen failing to pass the examination at this time are required to continue this language in their freshman year. Freshmen offering two years only of French or German have the following options: (1) if neither language has been studied during the final year of preparation either language may, and one must be elected; (2) if either has been studied in the final year of preparation, Freshmen may take the examination, and if it is passed, further study in the language will be wholly elective; (3) if it is tried and failed, or if it is not taken, this language must be elected in freshman year. Freshmen offering neither French nor German for entrance are required to elect either French 1 or German 1 in freshman year.

COURSES OF INSTRUCTION

Each of the following courses extends throughout the year.

Unless the contrary is stated, members of any class are permitted to elect courses which are open to the members of a lower class.

ASTRONOMY

NOTE.—In order that a student may present a major in astronomy or be a candidate for final honors in astronomy it is desirable for him to elect Astronomy 1 in his sophomore year.

1. Introduction to Astronomy. Professor Green.

Elementary plane trigonometry and logarithms requisite. *Elective for Sophomores*.

2. Practical Astronomy and Navigation. Professor Green.

Astronomy 1, or the consent of the instructor, requisite. Three hours per week with the understanding that two hours of observatory work may be substituted at any time for one hour of class-room work. *Elective for Juniors*.

5. Special Problems in Astronomy. Professor Green.

Individual work at the Observatory on assigned problems. Reports and discussions at frequent intervals. Astronomy 1, Physics 1, Mathematics 2, and the consent of the instructor, requisite. *Elective for Seniors*.

BIOLOGY

1. General Biology. Professor GLASER and Dr. RANKIN.

An introduction, especially arranged to serve as part of a program of liberal study. Chemistry 1, or Physics 1, or equivalent, recommended as preliminary. Man and his Environment may not be elected concurrently. Three hours classroom and two hours laboratory work per week. Fee, \$10.00. Elective for Sophomores, and for Freshmen offering entrance Chemistry, or Freshmen taking Chemistry 1 concurrently.

2. Invertebrate Zoölogy. Professor Plough.

A study of the structure, development and evolutionary relationships of the animals other than vertebrates. Special consideration is given to the associations of animals in fresh water ponds, in the different zones of the sea, and on local land areas. The life histories of selected parasites are followed. Field collecting trips take the place of laboratory periods

at intervals through the year. Three class-room hours and one laboratory period per week. Man and his Environment, or Biology 1, or the equivalent, requisite. Fee, \$10.00. Elective for Sophomores.

3. Introductory Course in Botany. Professor GOODALE.

The structure and physiological processes of the flowering plants. The relation of botany to the other sciences and the importance of plant life to humanity and to other forms of life. During the latter part of the year the student is introduced to field work and prepares a collection of plants identified by himself. Fee, \$10.00. Elective for Sophomores.

Note.—Courses 4, 5, and 7 consist of two separate semester courses each. To make a year course a student may register for any first semester course and any second semester course in the group. If a combination is elected be sure to avoid course conflicts for the second semester.

4. Vertebrate Morphology. Professor Schotté.

a. Comparative Anatomy of Vertebrates.

A first semester course on the comparative morphology of the chief vertebrate types, designed as a preparation for an understanding of human anatomy. The principal organ systems of vertebrates are compared in dissections.

b. Histology.

A second semester course in vertebrate microscopical anatomy. The laboratory work consists of histological technique and microscopical study of cellular structure, function, and arrangement in tissues and organs.

Three class-room hours and one laboratory period per week. Biology 1 or 2 requisite. Fee, \$10.00. Elective for Juniors.

5. a. Microbiology. Professor Plough.

A first semester course dealing with the activities of micro-organisms as free-living forms and as parasites. In the laboratory the standard methods of isolating, cultivating, and observing the activities and requirements of various groups of bacteria are studied.

b. General Physiology. Dr. Child.

A second semester course concerned with the physical and chemical processes common to all living things. An analysis in class-room and laboratory of the significance for vital activity of such major discoveries

as: the electronic structure of matter, the theory of chemical reactions, and the nature of colloidal phenomena.

Two class-room hours and two laboratory periods per week. Biology 1 or 2 requisite. Fee, \$10.00. Elective for Juniors.

6. Evolution of the Plant Kingdom. Professor GOODALE.

The evolution and development of plant life from the lowest forms up through the mosses, fern-allies, and seed-plants. The phylogeny of the various groups, as presenting the process of evolution actually occurring. Fossil as well as existing forms are included. Man and his Environment or Biology 1 or 3, requisite. Three hours class-room and two hours laboratory work per week. Fee, \$10.00. Elective for Juniors. (Omitted 1937–1938)

7. a. Genetics. Dr. CHILD.

The first semester course deals with heredity or the physical transmission of individual characters or qualities from parents to offspring. The chromosomal mechanism, the experimental evidence for gene inheritance, and the problem of how these genes interact under specific conditions to produce the inherited characters, are all considered and demonstrated in the laboratory.

b. Embryology. Professor Schotté.

The second semester is devoted to a study of development, the processes common to all vertebrates by which the egg becomes the adult. The morphology and physiology of development of the chief vertebrate types (embryogenesis and organogenesis) are considered with special reference to the viewpoint of modern experimental embryology.

Three class-room hours and one laboratory period per week. Biology 1 or 2 requisite. Fee, \$10.00. Elective for Juniors.

9. Problems in Biology. Professors Glaser, Plough, Schotté and Dr. Child.

A weekly seminar arranged by Professor Glaser at which problems from current biological literature are reported on and discussed. In addition, each student is assigned a problem for individual investigation in the laboratory, the results of which are submitted at the end of the year in a thesis. Two hours class-room and six hours laboratory work per week. Three courses in biology requisite, of which one may be taken concurrently. Fee, \$10.00. Elective with the approval of an instructor for Seniors and Graduate Students.

Plant Ecology and Geographical Distribution. Professor GOODALE.

The interrelationships of plants with each other, with animals, and with their environment. Special advanced study involving field work and a thesis may be required. A seminar course. A grade of B in Biology 3 requisite. *Elective for Juniors*.

CHEMISTRY

NOTE.—Students preparing for medical school should take both Chemistry 2 and Chemistry 4. Chemistry 3 is desirable, and for some medical schools, necessary.

1. General Chemistry. Professor Beebe and Dr. Low.

Three hours class-room and two hours laboratory work per week. Fee, \$10.00. Elective for Freshmen.

2. Inorganic Chemistry. Professors Doughty and Beebe.

Class work; introduction to theoretical chemistry, with especial emphasis on the kinetic theory, theory of solutions, and applications of chemical equilibrium. Laboratory work; inorganic preparations (until Christmas); qualitative analysis (after Christmas). Mathematics 1 requisite; may be taken concurrently. Three hours class-room and three hours laboratory work per week. Fee, \$20.00. Elective for students who have credit for Chemistry 1 or who can pass an examination in elementary chemistry set by the department. Students whose grade in Chemistry 1 is less than seventy-five per cent are advised not to elect Chemistry 2.

3. Quantitative Chemistry. Professor Beebe and Dr. Low.

First semester: Laboratory work in gravimetric and volumetric analysis. Second semester: Selected typical measurements in physical chemistry. Chemistry 2 requisite. One class-room hour and seven hours laboratory work per week. Fee, \$20.00. Elective for Sophomores.

4. Organic Chemistry; an Introduction to the Chemistry of the Compounds of Carbon. Professors Doughty and Whitney.

General theory of organic chemistry and preparation of typical compounds. Chemistry 2 requisite. With the permission of the instructor Chemistry 2 may be taken concurrently with this course. Three hours class-room and three hours laboratory work per week. Fee, \$20.00. *Elective for Juniors*.

5. Thermodynamics. Professor Whitney.

A study of the laws of entropy and energy from a theoretical point of view, together with their applications to physico-chemical phenomena. Chemistry 1 and Mathematics 2 requisite; Physics 1 and/or Chemistry 2 recommended. Two hours lectures and one hour conference per week. No laboratory. Elective for Juniors. (Given in alternate years.)

H. Course for Honors Candidates.

This course will consist of special topics, which may vary with individual needs. Those who intend to study chemistry in graduate schools should include Chemistry 5 in Chemistry H.

ECONOMICS

1. Introduction to Economics. Professor Cole.

An historical approach to the economic problems of to-day: the study of the development of economic life and thought from the Middle Ages to the present. Prerequisite for all other courses in economics. Book fee, \$2.00. Elective for Sophomores.

2. Economic Analysis. Dr. Pabst.

The principles of neo-classical and imperfect competition economics: the development of modern price theories and their statistical interpretations. Economics 1 requisite. *Elective for Juniors*.

3. Economic History of the United States. Professor TAYLOR.

A study of the economic development of the United States from the Colonial period down to the present time. Economics 1 requisite. Book fee, \$2.00. *Elective for Juniors*.

4. History and Theory of the Labor Movement. Professor WARNE.

The economic and social relations of the wage-earners with the employers and the public; trade and company unionism, labor legislation, social insurance, co-operation, and political action. Economics 1 requisite. Book fee, \$2.00. Elective for Juniors.

5. Money, Banking and Public Finance. Professor CHANDLER.

An examination of the history and underlying principles of money, banking and public finance. Economics 1 requisite. Book fee, \$2.00. *Elective for Juniors*.

6. Monetary and Cycle Theory. Dr. PABST.

An examination of the theory of money, credit, and economic fluctuations. Economics 1 and 5 requisite. Election limited to twelve students. *Elective for Seniors*.

7. The Development of Economic Thought. Professor TAYLOR.

A survey of the history of economic thought, including the modern schools. Economics 1 requisite. Election limited to twelve students. Elective with the consent of the instructor, for Seniors.

8. Economics of Consumption. Professor WARNE.

An historical study of the rôle of the consumer in economic theory and practice. Economics 1 requisite. Election limited to twelve students. *Elective for Seniors*.

H. Conference Course for Honors Candidates.

Elective for Seniors.

D. Conference Course for Candidates for Divisional Honors.
Professors Salmon, Sherman and Cole.

Elective for Juniors.

D.S. Conference Course for Candidates for Divisional Honors.
Professors Salmon, Bradley and Warne.

Elective for Seniors.

ENGLISH AND PUBLIC SPEAKING

A. ENGLISH

Note.—Students majoring in English are advised in general to take one course sequence in foreign language and one in history or philosophy.

A. Introduction to English Literature. Professors Whicher, Morton and Baird, and Messrs. McKeon, Theobald, Hoag, and Wood.

Frequent brief reports. Elective for Freshmen.

1. Masterpieces of English Literature. Mr. Wood.

A survey of important English authors from Chaucer to the present. Courses 1 and 2 may not both be elected in the same year. Book fee, \$1.00. Elective for Sophomores.

2. Shakespeare. Professor BAIRD.

A reading of all the plays. Emphasis will be placed on Shakespeare's development as dramatist and poet. A grade of B in one course in

English requisite. Students intending to begin a major in English in sophomore year should elect this course. Elective for Sophomores.

3. The Art of the Theatre. Professor Canfield.

An historical survey of the origins and development of the drama in Continental Europe in relation to stage presentation. Problems and practice in stage mechanics. *Elective for Juniors*.

4. Argumentation and the Forms of Public Address; Oral and Written Composition. Professor Garrison.

Briefmaking, the formal argument, forensic and political oratory, the occasional address, literary criticism. Fee, \$1.00. Elective, with the consent of the instructor, for Juniors.

5. Chaucer and Medieval Literature. Mr. Hoag.

Chaucer's major works. Supplementary reading includes translations of Dante's *Divine Comedy*, and of prose and poetry of the Heroic Age and the Age of Chivalry. *Elective for Juniors*.

6. The Renaissance. Professor Elliott.

A study of a series of dramatic, lyric, epic, and prose masterpieces of the sixteenth and seventeenth centuries, including the poetry of Milton and some of Shakespeare's works not studied in English 2. A grade of C in one course in English requisite. *Elective for Juniors*.

7. Advanced Composition. Professor Morton.

Continual writing with the criticism of instructor and class to develop original talent and good craftsmanship. Laboratory discussion groups and reading for background. Admission subject to competitive test in writing to be given before election of the course. *Elective for Juniors*.

9. Eighteenth Century English Literature. Professor BAIRD.

A study of representative prose works, with emphasis on the relationship of the literature to the age. *Elective for Juniors*.

10. Modern Drama. Professor CANFIELD.

English and American drama from 1660 to the present. Elective for Seniors.

11. Poetry Since Milton. Professor Elliott.

A survey of poetry from the Renaissance to the present with intensive study of the chief poets of the nineteenth century. The main aim of this course is to trace the development of the modern imagination. Elective with the consent of the instructor, for Seniors.

12. American Literature. Professor WHICHER and Mr. WOOD.

A rapid survey of the formative period of American literature; special studies of important books by nineteenth century authors; exploration among recent writers. *Elective for Seniors*.

Moods of the World Today, as revealed in Modern English and American Poetry and Prose. Professor Morton.

A course in the examination of prevailing mental states in the English-speaking countries, as seen in the work of modern imaginative writers. *Elective for Seniors*.

H. Conference Course for Honors Candidates.

Elective for Seniors; in exceptional cases, for Juniors.

During a part of the year Professor Robert Frost will be in residence to conduct special classes in English and to hold informal conference with students.

B. PUBLIC SPEAKING

Fundamentals of Oral Expression. Professor Garrison and Mr. Theobald.

A consideration of the principles of correctness, clearness, and effectiveness in speaking, with practice in reading and in the delivery of short original speeches. One hour per week. Fee, \$1.00. Required for Freshmen.

Debating; Extemporaneous Speaking; Psychology of the Audience. Professor Garrison.

A grade of B in Public Speaking 1, and the consent of the instructor, requisite. Fee, \$1.00. Elective for Sophomores.

3. Advanced Reading. Mr. THEOBALD.

Cultivation through solo and choral speaking of the ability to discern, interpret, and communicate fine poetry. Preparation of critiques and lecture readings. Examinations written and oral. A grade of B in Public Speaking 1 requisite. *Elective for Sophomores*.

FINE ARTS

Note.—A major in Fine Arts includes courses 1 and 4 and a third course selected upon recommendation of the instructor in charge, which may be a course outside the Fine Arts department.

A History of the Development of Architecture, Sculpture, and Painting. Professor Scott.

A study of the form and significance of these arts as developed in the various periods and phases of western civilization from pre-historic times to the present day. *Elective for Juniors*.

2. The Arts of the Nineteenth and Twentieth Centuries.

A study of both the major and minor arts of the period, including a survey of their Renaissance sources. *Elective for Seniors*. (Omitted 1937-1938)

4. Technique and Design. Professor Scott.

This course provides a basis for understanding, appreciation, or performance in the arts of drawing, painting, and print-making. It includes the study, both in theory and in practice, of fundamentals of line, form, and color, of past and present materials, methods, and modes of expression, of design and composition. One lecture and three laboratory hours per week. No previous training needed. Preference will be given to those who have had Fine Arts 1. Elective for Seniors.

H. Conference Course for Honors Candidates.

Elective for Seniors. (Omitted 1937-1938)

FRENCH

Elementary and Intermediate Course. Professor Turgeon and Mr. Muller.

Equivalent to entrance French A and B. This course meets five hours per week and is designed to prepare students for French 3. *Elective for Freshmen*.

2. Intermediate Course. Professor R. C. WILLIAMS.

Requisite: Entrance French A, or French 1 (in 1935-1936 or earlier). Equivalent to entrance French B. Elective for Freshmen.

3. Readings in French Literature of the Nineteenth Century; Oral Drill. Professors Atkinson, Turgeon, Funnell and French, and Mr. Muller.

Requisite: Entrance French B, French 2, or French 1 (taken in 1936-1937 or later). Elective for Freshmen.

4. Readings in French Literature before 1800. Professor Funnell.

Requisite: French 3. Required of candidates for honors in French. This course may not be elected after French 6, French 8 or French 9. Elective for Sophomores.

 French Drama of the Nineteenth Century. Professor R. C. WILLIAMS.

Requisite: A grade of C in French 3 or in French 4. Courses 5 and 10 are given in alternate years. Elective for Sophomores. (Omitted 1937-1938)

 French Literature of the Eighteenth Century. Professor ATKINSON.

Requisite: A grade of C in French 3 or in French 4. Courses 6 and 11 are given in alternate years. Elective for Juniors. (Omitted 1937-1938)

 French Literature of the Seventeenth Century. Professor Turgeon.

Requisite: A grade of C in French 3 or in French 4. Elective for Juniors.

 The Rise and Development of the French Novel. Professor R. C. WILLIAMS.

Requisite: A grade of C in French 3 or in French 4. Courses 10 and 5 are given in alternate years. Elective for Sophomores.

11. French Poetry. Professor ATKINSON.

Requisite: A grade of C in French 3 or in French 4. Courses 11 and 6 are given in alternate years. *Elective for Sophomores*.

12. Advanced Composition and Conversation. Professor ATKIN-SON.

Requisite: A grade of B in French 3, or in French 4 if taken as a Freshman course. Elective, with the permission of the instructor, for Sophomores.

H. Conference Course for Honors Candidates.

Elective for Juniors.

An optional course, without credit, in French conversation is offered in the late afternoon hours from Thanksgiving until May.

Appropriate material to be read in preparing for the Reading Examination will be suggested by the teachers of French to students not enrolled in French courses.

GEOLOGY

Note.—Courses 4 and 5 may not both be elected.

1. Geology and Physiography. Professor Bain.

An introduction to the processes, origin and history of land surfaces, rock structure and life development to enable one to understand the meaning and values of the country in which he may live or travel or about which he may read. Three hours class-room and two hours laboratory work per week. Field trips in the fall and field work in the spring will be substituted for laboratory work. *Elective for Sophomores*.

2. Historical Geology. Dr. Phleger.

Beginning with the origin of the earth, this course follows the changes in the continents, especially North America, and the successive developments of various animals and plants down to the present. Three hours class-room and two hours laboratory work per week. *Elective for Juniors*.

3. Mineralogy and Petrography. Professor BAIN.

Mineralogy first semester. Petrography second semester. Mineralogy includes identification, uses and occurrences of minerals, geographic relations of source and consumption, use of minerals in tracing out ancient channels of trade. Petrography treats of rock identification and origin as seen in texture, structure and mineral composition. Geology 1 requisite. Three hours class-room and two hours laboratory work per week. Field trips to mineral localities will be substituted for laboratory work during the first six weeks. Elective for Juniors.

4. Studies in Paleontology. Dr. Phleger.

This course deals with the identification, interrelationships, and occurrence of fossil plants and animals. A grade of B in the latter of two courses in geology requisite. Three hours class-room or conference and several hours laboratory work per week. Elective for Seniors.

5. Structural Geology and Mineral Deposits. Professor BAIN.

Structural geology treats of the architecture of the earth, the structural units of it, the manner in which the parts are assembled, and the manner of recognition of the date and construction of the units. Mineral deposits treats of the abnormal local abundance of a mineral and cause of concentration. Geology 3 requisite. One or more conferences and several hours laboratory and library work per week. Elective for Seniors.

GERMAN

 Elementary Course. Dr. Scenna and Messrs. Kern and Drechsel.

Grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. Equivalent to entrance German A. Elective for Freshmen.

Advanced Course. Professor Manthey-Zorn, Dr. Scenna and Messrs. Kern and Drechsel.

Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe, a representative work of each author; composition and free reproductions. Equivalent to entrance German B. *Elective for Freshmen*.

3. Goethe's Dramas. Professors Eastman and Manthey-Zorn.

Lectures, essays, assigned readings. Faust: study of the Faust legend and of the life of Goethe. Division 3a elective for Juniors; division 3b elective for Freshmen.

4. The German Novel. Professor Eastman.

German 3, or the equivalent, requisite. Elective for Sophomores.

5. The German Drama. Dr. Scenna.

A study of the German drama from Lessing to the present. German 3, or the equivalent, requisite. *Elective for Sophomores*. (Omitted 1937–1938)

6. Middle High German. Professor Eastman.

Epics and lyric poetry of the Age of Chivalry. German 4 or 5 requisite. *Elective for Juniors*.

8. German Philosophy. Professor Manthey-Zorn.

Readings in German philosophy together with assignments of individual problems. Outside readings, conferences, class reports and discussions. German 3, or its equivalent and one further course in German or a course in philosophy, requisite. *Elective for Seniors*.

H. Conference Course for Honors Candidates.

Elective for Seniors.

GREEK

Students in Greek should take note of History 10. "History of Greece to the Roman Conquest."

1. Greek Language; a Course for Beginners. Professor FOBES.

An introduction to the Greek language and literature. Elective for Freshmen.

2. Introduction to Greek Literature. Professor Smith.

Readings from Attic Greek and from Homer. Greek 1, or its equivalent, requisite. *Elective for Freshmen*.

3. Greek Literature; Herodotus, Plato, Euripides. Professor Fobes.

Greek 2, or entrance Greek A, B, H, requisite. Elective for Freshmen.

 Greek Drama; Aeschylus, Sophocles, Aristophanes. Professor SMITH.

Greek 3 requisite. Elective for Sophomores. (Omitted 1937-1938)

5. The History of Greek Literature.

Greek 5 may not be taken in the same year with Latin 5. Elective for Juniors. (Omitted 1937-1938)

Greek Philosophy: Plato's Republic and Aristotle's Ethics. Professors Fobes and Smith.

Greek 4 requisite. Elective for Juniors.

H. Conference Course for Honors Candidates.

Elective for Seniors.

HISTORY

Introduction to the History of Contemporary Civilization.
 Professor Packard and Dr. Havighurst.

A survey of the development of the European civilization since the disintegration of the Roman Empire. Prerequisite for the subsequent courses, History 2, 4, 5, 7, 9, 13. Book fee, \$2.00. Elective for Freshmen.

Note.—This course, followed by Economics 1 in sophomore year, will satisfy the sequence requirement.

2. The Middle Ages. Professor SALMON.

A study of institutional and intellectual developments in Europe from the end of the Roman Empire through the fifteenth century. History 1 requisite. Book fee, \$2.00. Elective for Sophomores.

3. English History. Professor Gallinger.

A general course in the history of England and Greater Britain. Considerable attention is given to the development of the English Constitution. *Elective for Juniors*.

4. The Age of the Renaissance.

History 1 requisite. Elective for Juniors. (Omitted 1937-1938)

5. Europe Since 1871. Professor PACKARD.

A fairly detailed study of the origins and course of the World War and of the post-war settlement. Courses 5 and 13 are given in alternate years. To complete a full course requirement students electing this course may, for the second semester, elect History 14. History 1 requisite. Book fee, \$2.00. Elective for Juniors. (Half-course, first half year)

6. American History. Mr. OVERTON.

The growth and development of modern America, 1760 to the present. Book fee, \$2.00. Elective for Sophomores.

7. History of Latin America. Professor Salmon.

The history of Hispanic America from the period of discovery to the present, with a survey of Spanish civilization. History 1 requisite. Book fee, \$2.00. Elective for Sophomores. (Omitted 1937-1938)

8. European History, 1500-1871. Professor Gallinger.

A brief survey of the Protestant Reformation and the period of Louis XIV is followed by a more detailed study of the eighteenth century "Enlightenment," the French Revolution, the Napoleonic era, the age of Metternich, and the unification movements in Italy and Germany. Elective for Juniors.

An Introduction to Historiography. Professors Packard and Salmon.

The nature and theory of history; historical literature and problems; individual studies in nineteenth century biography. History 1 requisite. Election limited to twelve students. Elective, with the consent of the instructor, for Seniors. (Omitted 1937-1938)

History of Greece to the Roman Conquest. Professor Sher-MAN.

Origins and characteristics of the Greek city states; political and constitutional development; spread of Hellenism in the ancient world.

May be counted toward a major, or major with honors, in history but not in Greek. Courses 10 and 11 are given in alternate years. Book fee, \$2.00. Elective for Sophomores. (Omitted 1937-1938)

History of Rome to the Fall of the Western Empire. Professor SHERMAN.

The political history of Rome with special emphasis on the development of constitutional history; the social and economic aspects of Roman civilization. May be counted toward a major, or major with honors, in history but not in Latin. Courses 11 and 10 are given in alternate years. Book fee, \$2.00. Elective for Sophomores.

12. Constitutional History of England. Dr. HAVIGHURST.

Growth of the Common Law; evolution of Parliament; rise of the Cabinet; recent developments. *Elective for Juniors*. (Omitted 1937–1938)

13. Europe in the Age of Louis XIV. Professor PACKARD.

A reading knowledge of French requisite. Courses 13 and 5 are given in alternate years. History 1 requisite. Book fee, \$2.00. Elective for Juniors. (Omitted 1937-1938)

14. History of the Near East. Professor Salmon.

The history of the Levant and of eastern Europe, the origin of the Eastern Question and its place in European history, from the rise of the Ottoman Empire to the present. History 1 requisite. Book fee, \$2.00. Elective for Juniors. (Half-course, second half year)

15. Problems in American History. Mr. Overton.

A course involving individual investigation and presentation of problems selected from either the colonial or national field of American History. History 6 requisite. *Elective with the consent of the instructor for Juniors*

H. Conference Course for Honors Candidates.

Elective for Seniors.

- D. Conference course for Candidates for Divisional Honors. Professors Salmon, Sherman and Cole. Elective for Juniors.
- D.S. Conference Course for Candidates for Divisional Honors.

 Professors Salmon, Bradley and Warne. Elective for Seniors.

ITALIAN

Pronunciation, Grammar, Translation. Professor FRENCH.
 Special emphasis on the acquisition of a thorough reading knowledge of the language. Study of some modern texts. Elective for Sophomores.

2. Advanced Course. Professor French.

Reading from some significant modern authors such as Fogazzaro, Verga, Pirandello, and Panzani; Dante, particularly the *Inferno*, with readings in the social background of the thirteenth and fourteenth centuries. Italian 1 or the equivalent requisite. *Elective for Juniors*.

LATIN

Students in Latin should take note of History 11, "History of Rome to the Fall of the Western Empire."

- A. Vergil, Aeneid, Books I-VI. Professors Bennett and Rowland.

 Elective for those who present three units in Latin, not including poetry authors.
- Pliny, selections from the Letters; Catullus, selections; Cicero, De Senectute; Horace, selections from the Odes and Epodes. Professors Bennett and Rowland.

Elective for those who present four units in Latin for entrance, or for those who have completed Latin A.

 Plautus, Trinummus, or Terence, Andria; Livy, selections from Books I-X; Tacitus, Germania and Agricola. Professor Bennett.

Latin 1 requisite. Elective for Sophomores.

3. Roman Oratory; Cicero, Philippics. Roman Satire; Horace, Juvenal, Martial. Professor Rowland.

Elective for Juniors.

4. Roman Philosophy. Lucretius, De Rerum Natura; Cicero, selected philosophical works. Professors Bennett and Rowland. Latin 2 requisite. Elective for Juniors.

5. Roman Civilization. Professors ROWLAND and BENNETT.

A survey of the contributions made by Rome to subsequent civilization. Studies of the development and significance of political institutions, religion, law, education, philosophy, art and architecture; private life and antiquities. *Elective for Juniors*. 6. Historical and Law Literature of the Empire. Tacitus, Annals and Histories; Suetonius, Lives of the Caesars; Justinian, Institutes; Gaius, Institutes.

Latin 2 requisite. Elective for Juniors. (Omitted 1937-1938)

H. Conference Course for Honors Candidates.

Elective for Seniors.

MATHEMATICS

 Plane Trigonometry, Plane Analytic Geometry, and an Introduction to the Differential and Integral Calculus. Professor Esty.

Elective for Freshmen who do not present trigonometry for entrance credit.

2. Differential and Integral Calculus. Professor Sprague.

Mathematics 1 or 5 requisite. Elective for Sophomores.

3. Vector Analysis, with Applications to Analytical Mechanics.

Professor Esty.

Mathematics 2 requisite. Elective for Juniors.

- 4. (a) Differential Equations; (b) Relativity. Professor COBB.

 Mathematics 2 requisite. Elective for Juniors.
- 5. Analytic Geometry and an Introduction to the Differential and Integral Calculus. Professors Sprague and Porter.

Elective for Freshmen who present trigonometry for entrance credit.

 (a) Theory of Functions of a Real Variable; (b) Theory of Functions of a Complex Variable. Professor Cobb.

Mathematics 2 requisite. Elective for Juniors. (Omitted 1937-1938)

7. Algebra. Professor Sprague.

Mathematics 2 requisite. Courses 7 and 9 are given in alternate years. Elective for Juniors. (Omitted 1937-1938)

8. Statistics. Professor COBB.

Graphic representation, frequency distribution, index numbers, correlation, probability, and least squares. Mathematics 1 requisite. *Elective for Juniors*.

9. Advanced Calculus. Professor Sprague.

Double and triple integrals, geometry of space, partial differentiation, implicit function theory, line and surface integrals, transformation of

integrals. Mathematics 2 requisite. Courses 7 and 9 are given in alternate years. *Elective for Juniors*.

MUSIC

1. History and Literature of Music. Professor Morgan.

The development of music studied through its masterpieces. The social and instrumental backgrounds of various epochs. *Elective for Sophomores*.

2. Elementary Theory. Professor Nichols.

A study of the rhythmic, melodic, and harmonic organization of musical tones. Writing in four parts; analysis; ear training. Ability to play all written work requisite. Limited to fifteen students. *Elective for Sophomores*.

3. The Literature of Symphonic Music.

An analytical study of the development of symphonic music from the seventeenth century to the present day. *Elective for Sophomores*. (Omitted 1937-1938)

4. Beethoven and Wagner. Professor MORGAN.

The first semester is devoted to Beethoven's orchestral, chamber, and piano music, the second to the music dramas of Richard Wagner. Music 1 or 3, requisite. Book fee, \$2.00. Elective for Juniors.

PHILOSOPHY, PSYCHOLOGY AND RELIGION

A. PHILOSOPHY

A major in philosophy should include Philosophy 1. One of the three courses may be German 8, Greek 7, or Latin 4.

1. History of Philosophy. Professor Lamprecht.

A survey of the chief themes of European philosophy in their historical development. Special attention will be given to Plato, Aristotle, the formation of Christian thought, and such modern thinkers as Descartes, Locke, Hume, and Kant. Assigned readings in the sources. *Elective for Sophomores*.

2. Logic and Ethics. Professor Kennedy.

The conditions under which thinking proceeds, elements of formal logic, induction and scientific method; the social basis of morality, theory of the moral life, morals and social problems. Book fee, \$1.00. Elective for Sophomores.

3. American Philosophy. Professor Kennedy.

The history of ideas in America in relation to changing economic and social conditions. Chief emphasis will be placed on developments in American philosophy since 1860. Book fee, \$2.00. Elective for Juniors.

4. Platonism and Aristotelianism. Professor LAMPRECHT.

A number of the major works of Plato and Aristotle will be read in English translation, and the classical tradition will be studied as it has found expression in antiquity, St. Augustine and the Schoolmen, and modern times. Courses 4 and 6 are given in alternate years. Philosophy 1 requisite. Elective for Juniors. (Omitted 1937-1938)

5. Modern Empiricism. Professor Kennedy.

The development of empiricism in England and America from the beginning of the nineteenth century to the present. Writings of Bentham, Mill, Spencer, Peirce, James and Dewey will be studied in relation to the economic and social conditions under which they were produced. Book fee, \$2.00. Elective for Juniors. (Omitted 1937–1938)

6. Philosophy of Religion. Professor LAMPRECHT.

A study of certain periods in the history of religion, the nature of religion, the chief types of religion, mysticism, the relation of religion and morals, the expressions of religion in art and philosophy. Courses 6 and 4 are given in alternate years. *Elective for Juniors*.

Philosophy of Society; Politics, Ethics, Aesthetics. Professor Newlin.

The basis of the State, and the problems of liberty, order, and sover-eignty; the nature of ethical conduct in the individual and in society; the principles of aesthetics, and its place, together with religion and philosophy, in human culture. Book fee, \$2.00. Elective for Seniors. (Omitted 1937-1938)

8. Representative Modern Philosophers. Professor Kennedy.

A critical study of three or four great modern philosophers. For the year 1937–1938 Spinoza's Ethics, Hume's Treatise of Human Nature, and Dewey's Experience and Nature will be read. One previous course in philosophy requisite. Elective for Seniors.

9. Metaphysics. Professor Lamprecht.

A systematic study of certain major problems of philosophy: the nature of the individual, causality, potentiality, mechanism and teleology,

the nature of law, the place of mind in nature, the meaning of human freedom. Readings from various writers, with attention to Aristotle and Whitehead. Philosophy 1 requisite. *Elective for Seniors*.

B. Psychology

Note.—For a major in psychology the third course should be selected after conference with the instructor and may be a course outside the department.

1. Introduction to Psychology. Professor Toll.

Survey of general psychology; present schools of psychology; topics in abnormal psychology, with visits to clinics and institutions; individual study of one or two problems chosen with the approval of the instructor. *Elective for Sophomores*.

2. Special Topics in Psychology. Professor Toll.

Study of one or two recent books of special interest; individual work on a preferred problem, preferably one in which first-hand data are to be obtained. Psychology 1 requisite. *Elective for Juniors*.

Gestalt Theory and other contemporary schools and developments. Professor Toll.

Psychology 2 requisite. Elective for Seniors.

C. RELIGION

Note.—For a major in religion the third course may be Philosophy 1, 6 or 7.

Introduction to the Old and New Testaments. Professor CLE-LAND.

This course will survey the political and social history, review the literature, and examine the dominant religious ideas in the Bible. Book fee, \$1.00. Elective for Sophomores.

2. The Life and Teaching of Jesus. Professor CLELAND.

The purpose of this course is a critical examination of the records of Jesus' life and teachings, and of the influence of his teaching on modern social ethics. Book fee, \$1.00. Elective for Juniors.

PHYSICAL EDUCATION

Hygiene. Dr. E. J. MANWELL.

All Freshmen are expected to attend lectures in personal hygiene.

A. Elementary Division in Swimming, Gymnastics, Athletics and Games. Professors Marsh, Lumley and Eckley, and Messrs. Kennedy, Bruhn and Soleau.

Required of Freshmen and Sophomores who have not been advanced to B.

B. Advanced Division in General Activities, Athletics and Games.

Professors Marsh, Lumley and Eckley, and Messrs. Kennedy,
Bruhn and Soleau.

Required of Freshmen and Sophomores who have been advanced from A.

Students who are required to take physical education may substitute with the consent of the department and the instructors concerned, in place of the required activities, the following competitive athletics:

Football. Professors JORDAN and ECKLEY, and Messrs. Bruhn and Soleau.

Soccer. Professor Marsh.

Track and Cross Country. Professor Lumley and Mr. Soleau.

Swimming. Mr. KENNEDY.

Basketball. Professors JORDAN and ECKLEY.

Wrestling. Mr. Soleau.

Baseball. Professor Eckley and Mr. Bruhn.

Such substitution does not remove the requirement of the final examinations for all men at the close of the required period.

PHYSICS

Students planning to major in physics or take a major with honors must consult with members of the department.

General Physics; Mechanics, Sound, Heat, Electricity, Magnetism, and Light. Professor S. R. WILLIAMS.

It is the aim of this course to lay a good foundation for further study in both pure and applied physics. It is desired that out of a year's work may come a better understanding of the scientific method and spirit of modern physics. While the analytical method of presentation is stressed at times, fundamental phenomena and principles, rather than rigid theoretical derivations, are emphasized throughout the course. Plane

trigonometry requisite. Students who have difficulty with mathematics are advised not to elect physics. Three hours class-room and one laboratory session per week. Fee, \$9.00. Elective for Freshmen.

2. Mechanics and Heat. Professor Soller.

A second year course in which such topics as statics and dynamics of rigid bodies, gyroscopic motion, gravitation, periodic motion, elasticity, kinetic theory of matter, heat and elementary thermodynamics are treated more fully than is possible in a first course in physics. Physics 1, Mathematics 2 (which may be taken concurrently) requisite. Three hours class-room and two hours laboratory work per week. Fee, \$10.00. Elective for Sophomores.

3. Electricity and Magnetism. Professor Stifler.

A general survey of fundamental principles with emphasis upon the theory and practice of electrical and magnetic measurements. Physics 1, Mathematics 2 (which may be taken concurrently) requisite. Three hours class-room and two hours laboratory work per week. Fee, \$10.00. Elective for Sophomores.

4. Wave-Motion, Sound and Light. Professor Soller.

A discussion of the fundamental principles of energy propagation by wave-motion, followed by a study of sound phenomena, geometrical- and physical-optics. Physics 1, Mathematics 2 (which may be taken concurrently) requisite. Three hours class-room and two hours laboratory work per week. Fee, \$10.00. Elective for Sophomores.

5. Theoretical Physics. Professor Stifler.

A fairly rigid mathematical treatment of certain classical problems in mechanics is followed by a discussion of analogous problems in sound, light, and electricity. In the latter part of the course these results are applied to some of the problems of modern physics, such as the theories of atomic structure. Physics 1, Mathematics 2, and either Physics 2, Physics 3, Physics 4 or Mathematics 3, requisite. Three hours of classroom work per week. Courses 4 and 5 are given in alternate years. Elective for Juniors.

6. Experimental Physics. Professor S. R. WILLIAMS.

Primarily a laboratory course preparatory to graduate study. Students registered for it will be assigned special problems, with individual instruction. Certain hours of laboratory periods will be taken for

discussion of the work. Physics 1 and 2 or 3, and Mathematics 2, requisite. Before a student registers in this course he must secure permission from the department of physics. Six hours laboratory work per week. *Elective for Juniors*.

POLITICAL SCIENCE

1. Elements of Modern Politics. Professor LOEWENSTEIN.

The relations and the functions of the state, the government, and the people. A comparative study of the theory and practice of contemporary governments in democratic and autocratic countries. Book fee, \$2.00. Elective for Sophomores.

2. American Government. Professor BRADLEY.

A survey of American politics, national, state, and local, particularly as to constitutional and administrative development and practice. Book fee, \$2.00. *Elective for Juniors*.

3. International Law and Relations. Professor BRADLEY.

Contemporary international relations in law and practice. The historical basis and present trends in the development of international law will be related to the social, economic, and political aspects of present-day world politics. Book fee, \$2.00. Elective for Juniors.

4. Political Science in History. Professor SHERMAN.

The meaning of the State in human society from early times to the present. A genetic study of political theories in their historical and economic background. Readings from the works of political theorists and lectures on the historical origin and implications of their thought. Book fee, \$2.00. Elective for Juniors.

Social and Political Theory in Its Present-Day Application. Professor SHERMAN.

Social, historical, and philosophic factors in liberal democracy, socialism, communism, and fascism. Readings from nineteenth and twentieth century political writers. Book fee, \$2.00. Elective for Juniors. (Omitted 1937-1938)

6. Introduction to Jurisprudence. Professor Loewenstein.

Theories of the origin, the nature and the ends of the state and the law. A critical examination of the prominent legal concepts and schools of jurisprudence. The nature and the forms of the legislative and

judicial process. A comparative analysis of developed systems of law. Book fee, \$2.00. Elective for Seniors, with the permission of the instructor.

H. Conference Course for Honors Candidates.

Elective for Seniors.

- D. Conference Course for Candidates for Divisional Honors.

 Professors Salmon, Sherman and Cole. Elective for Juniors.
- D.S. Conference Course for Candidates for Divisional Honors. Professors Salmon, Bradley and Warne. Elective for Seniors.

SCIENCE

Man and His Environment. Professors GLASER and GREEN and Dr. PHLEGER.

The course begins by showing how the individual discovers order in himself and in his environment. This biological approach is an analysis of the physical environment, both terrestrial and universal, concluding with a discussion of modern theories regarding the evolution of the stars, the solar system, and the earth, emphasizing the influence of such theories on human affairs. A history of the geological transformations of the earth prior to the presence of living things prepares the ground for a discussion of the origin and essential properties of existing plants and animals and an account of their evolutionary history. Concluding topics deal with human evolution and the effects of the physical, biological, and geological environments at present and in the past. Three class-room hours and an average of two hours per week devoted to laboratory exercises or field trips. Biology 1 may not be elected concurrently. Book fee, \$3.00. Elective for Freshmen only.

Note.—This course, followed by Biology 1, 2 or 3, or Geology 1, in sophomore year, will satisfy the sequence requirement.

The History of Science. Professor WHITNEY.

A study of the evolution of the natural sciences. *Elective for Juniors*. (Omitted 1937-1938)

SPANISH

Pronunciation, Grammar, Composition, Translation, Conversation.

Equivalent to entrance Spanish A. Elective for Sophomores. (Omitted 1937-1938)

 Composition, Oral Work and Advanced Reading. Mr. Muller. Equivalent to entrance Spanish B. Elective for Juniors.

ADMINISTRATION

RECORDS AND REPORTS

The officer in charge of records and reports is the Recorder of the College.

Reports of standing are sent to parents or guardians at the end of each semester. Rank in each subject is reported as follows:

A, 90–100%; B, 80–89%; C, 70–79%; D, 60–69%; E, 50–59%; F, below 50%. The passing grade in each individual course is 60%, and an average grade of at least 70% is required for a degree.

HEALTH AND PHYSICAL DEVELOPMENT

The officer having general supervision of student health and physical development is the College Physician.

The College Physician and his associate are members of the Department of Hygiene and Physical Education. They keep themselves acquainted with the health of the students and provide for their proper treatment if ill. Every student soon after he enters college is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical education are required of the freshmen and sophomore classes. During the fall term freshmen are expected to attend a series of talks pertinent to student health which are given by the College Physicians. Every student is required by the Department of Physical Education to be able to swim at least 100 yards, unless such swimming be thought detrimental to the health of that individual.

No student will be admitted to Amherst College who has not been successfully vaccinated, or who is unwilling to submit to such vaccination by the College Physician within three months after admission.

The College has a consulting medical staff comprising surgeons, orthopedists, internists and specialists on the eye, ear, nose and throat. Consultants are called in by the College Physician in case of serious injury or illness. The consulting staff has been appointed by the President upon the recommendation of one of the leading medical schools in the country. Students are, of course, free to consult physicians of their own choice, but where parents or students have not filed with the office the name of a physician or physicians they wish called, members of the consulting staff are called by the College. In emergencies requiring an immediate operation, when parents cannot be consulted in advance, the President will assume authority for authorizing the operation.

A health-service charge of fifteen dollars is made for each student. This entitles him to such general medical and nursing care as can be given in the college infirmary, as well as to such special nursing, outside hospitalization and attendance by the consulting staff as may be thought necessary by the College Physician. This fee does not include dental care, refraction of eyes or purchase of glasses. It does not include medical service not recommended by the College Physician and medical service outside of term time.

The College is completing a new infirmary, which will be ready for use early in 1938 and which takes the place of Pratt Health Cottage, which has served the needs of the College since it was built in 1899. The new infirmary is located on the campus, is of fireproof construction of brick and concrete, and is designed in accordance with the best modern practice. It has a normal capacity of nineteen beds, and an emergency capacity of forty beds. It will contain a lounge room with a selected library and two solaria

for convalescing students, an operating room for minor surgical cases, a laboratory, and an isolation ward for the treatment of infectious diseases. A health service charge is made to each student on his term bill. Any student sent to the infirmary by the College Physician is entitled to bed, board, general nursing, and attendance by the College Physician or such consultants as he may call in, without additional charge.

CHAPEL

All students are required to be present at the chapel exercises conducted Monday, Tuesday, Thursday and Friday mornings, and Sunday afternoon, in Johnson Chapel.

EXPENSES

All communications concerning tuition, fees, and rental of rooms should be made to the Comptroller of the College.

College bills are payable in two instalments, the final dates for payment being the first day of classes in September and the first day of the resumption of classes after midyear examinations. Bills are payable at the office of the Comptroller.

Two weeks before the due date bills are mailed to the students' parents. These bills may be paid by mail or in person. In either case the student's receipt, needed by the student to secure course cards, athletic tickets, etc., is obtainable only by calling in person at the Comptroller's office.

Tuition

The charge for tuition, including the use of the library and gymnasium, is four hundred dollars for the year, payable in two instalments, one of two hundred and twenty dollars which is payable on the first semester bill, and the balance on the second.

Every student who takes an extra course in order to re-

move a delinquency incurred by a failure is required to pay an extra fee, at the rate of eighty dollars for a three-hour course for the year, estimated on the basis of credits allowed. Fifty-five per cent of this fee is payable on the first semester bill, and the remainder on the second.

The charge for tuition for candidates for the degree of Master of Arts is four hundred dollars.

STUDENT ACTIVITIES FEE

Student activities are under the general supervision of the Dean. Intercollegiate athletics are under the direct supervision of the Director of Intercollegiate Athletics. An Activities Fee of \$22.50 in two equal instalments is collected from every student, and is devoted to the following purposes:

Admission to Athletic Contests			\$15.00
Year's Subscription to Olio			3.45
Year's Subscription to The Amherst Student			1.75
Year's Subscription to Touchstone			1.00
Season Ticket to Masquers			1.20
Student Council Expenses			.10
		_	\$22.50

OTHER FEES

The health tax of fifteen dollars is divided equally between the first and second semester bills.

Laboratory or book fees are required for certain courses, as indicated in the outline of these courses. These fees are payable when the classes are organized. Dues for breakage are payable at the close of each semester.

Changes in courses elected, late registration, etc., involve nominal fees payable when incurred.

Every member of the senior class is required to pay a graduation fee of seven dollars at the beginning of the second semester.

ROOMS AND BOARD

The dormitories of the College accommodate about two hundred and fifty students, and the fraternity houses about three hundred.

Dormitory rooms may be rented singly, or in suites consisting of a study and either one or two bedrooms. The rooms are equipped with the essential articles of furniture, and many of them are provided with open fireplaces. All dormitories are equipped with House Libraries for the use of the students.

Dormitory plans and prospectus may be obtained from the Comptroller of the College. Applications may be made at any time, and reservations will be made in the early spring.

A deposit of ten dollars is required when a room is engaged, which is credited to the student's account. Rental is charged in equal instalments on the two semester bills.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are not admitted to college will be released from their contracts, and deposits made to secure rooms will be refunded on written request to the Comptroller before August first. Otherwise all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Wednesday before the week in which the college year opens.

Board is furnished at various places in the town at prices which range from seven dollars to nine dollars a week.

A cafeteria dining-room in Morrow Dormitory accommodates about one hundred and fifty students.

SUMMARY

The following table shows three scales of annual expenditures. Clothing, travel, laboratory charges, books, mem-

bership dues in fraternities and other student organizations, activities fee, and similar miscellaneous expenses vary from two hundred dollars up.

Tuition	\$400.00	\$400.00	\$400.00
Room (per student)	160.00	200.00	240.00
Board thirty-six weeks .	252.00	288.00	324.00
Health Tax	15.00	15.00	15.00
Miscellaneous	200.00	300.00	400.00
	\$1,027.00	\$1,203.00	\$1,379.00

SCHOLARSHIPS AND BENEFICIARY AID

The officer directly in charge of the administration of scholarships and beneficiary aid is the Dean of the College.

The beneficiary funds of the College aggregate over nine hundred and fifty thousand dollars. The income of these funds is distributed annually among students of high character and good scholarship who need pecuniary aid.

The size of the award will depend on the financial need of the applicant. This award will be payable in two instalments,—at the beginning of the year, and in the middle of February. A scholarship holder who, at the end of the first semester, has failed to pass all his courses with an average of at least 70% will forfeit his second semester award.

SCHOLARSHIPS FOR THE THREE UPPER CLASSES

Applicants for scholarships, or for renewal of scholarships, from the three upper classes must file at the Dean's office, on or before June 1st, an account of their income and expenditures for the preceding year, and an estimate of their income and expenditures for the following year.

As a minimum scholastic requirement, sophomores must pass all the courses of the preceding year with an average of at least 72%, juniors with an average of at least 74%, and seniors with an average of at least 76%.

SCHOLARSHIPS FOR INCOMING STUDENTS

More than fifty scholarships are awarded annually to applicants for admission to college who are in need of financial aid and who meet in full the entrance requirements. These scholarships are awarded for the first half year and entitle the recipient to a credit on the first bill for tuition. The continuation of each scholarship for the second half of the year depends upon the student's grade for the first

semester, and, when granted, involves a credit on the second bill for tuition.

Blanks for application may be obtained from the Dean, and must be returned to his office on or before June 1st of the year in which the applicant expects to enter Amherst College.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes to be paid in subsequent years. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students of thorough scholarship whose habits of expenditure are economical. Application blanks may be obtained at the Treasurer's office.

SCHOLARSHIP FUNDS

Throughout the whole history of the College funds have been given or bequeathed, the incomes of which are to be used for the assistance of worthy and needy students. A few of these funds are restricted to candidates for the ministry and a few of them are restricted by other factors, such as the geographical location of the home of the applicant. In a few cases it is stipulated that the award from a particular fund shall be made to a particularly designated student. For the most part, however, the income of these funds may be awarded as the College sees fit. Altogether these funds provide an annual income of slightly over \$30,000. During recent years it has been possible for the College to grant additional amounts for scholarship purposes from its general income. Three State Scholarships of full tuition are available annually to qualified residents of Massachusetts.

THE COLLEGE PLANT

Amherst College is located in the town of Amherst, Massachusetts, six miles east of the Connecticut River, some twenty-five miles north of Springfield and about ninety miles due west from Boston. The College owns altogether in Amherst about three hundred acres of land of which one hundred and ten acres constitute the main campus. On the campus are situated Johnson Chapel, Stearns Church, four dormitories which accommodate altogether about two hundred and fifty students, laboratories and museums. administration buildings, the Converse Library and recitation halls. Just off the main campus are the President's house, College Hall, which is the main auditorium of the College, the Faculty Club, the Amherst Alumni Gymnasium, the Davenport Memorial building for squash, the Harold I. Pratt Pool, the indoor athletic field and the college playground, Hitchcock Field. Somewhat further away but yet convenient to the main campus are the main athletic field. the golf club, and the College Observatory. In addition the College owns considerable areas which are undeveloped farm land or forest and which serve as a protection to the College against undesirable developments in its vicinity. the campus scattered throughout the town are thirteen fraternity houses in which some three hundred students reside.

The College now has under construction the Kirby Memorial Theatre for work in dramatic arts; an addition to Converse Library which will increase the book capacity approximately sixty per cent and the reading capacity one hundred per cent; and Grosvenor House, which provides offices and conference rooms for the Faculty. A new infirmary will be completed early in 1938.

HONORS

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, speakers are selected upon the basis of literary and oratorical merit to deliver orations on Commencement Day. The Bond Prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Juniors who have attained a grade of eighty-eight per cent after five semesters and Seniors who have attained a grade of eighty-five per cent after seven semesters are eligible for election to membership in the Beta Chapter of the Phi Beta Kappa Society; other undergraduates of outstanding scholarship, and graduates who attained the specified standing but who were not members in course, may be elected by a unanimous vote of the Chapter.

HONORS IN A SPECIAL SUBJECT

Honors in a single department of study are awarded for special work involving collateral reading or investigation.

Honors are entered on the Commencement program and announced in the annual catalogue.

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

- (1) A standing of not less than seventy-five per cent attained in every department for the year.
- (2) An average of ninety-three per cent maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

PRIZES

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study: the exact amounts awarded may vary slightly when they are dependent on the annual income.

ENGLISH

THE ARMSTRONG PRIZE, from the income of a fund of \$1,000, given by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of forty dollars to members of the freshman class who excel in composition.

THE COLLIN ARMSTRONG POETRY PRIZE, from the income of a fund of \$1,000, given by Mrs. Elizabeth H. Armstrong; forty dollars is awarded to the undergraduate author of the best original poem or group of poems.

THE JOHN FRANKLIN GENUNG PRIZE, of fifty dollars, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition.

THE HARRY RICHMOND HUNTER, JR. PRIZE, from the income of a fund of approximately \$1,000, given by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr.; forty dollars is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department.

THE FOLGER PRIZES, two prizes in a total amount of one hundred and fifty dollars, established by the Board of Trustees in memory of Henry C. Folger, Jr., of the class of 1879, and of Mrs. Folger, are awarded to members of the junior and senior classes for the best essays on Shake-spearean topics.

GREEK

THE HUTCHINS PRIZE, from the income of a fund of \$1,000, given by the late Waldo Hutchins of the class of 1842; forty dollars is awarded to the best scholar in Greek at the end of the junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

THE WILLIAM C. COLLAR PRIZE, from the income of a fund of \$1,000, given by the late William C. Collar of the class of 1859; forty dollars is awarded to that member of the freshman class who shall make on a

written examination the best version in English of a previously unseen page from some Greek author.

LATIN

THE BERTRAM PRIZES, from the income of a fund of \$1,500, given by the late John Bertram of Salem; two prizes of thirty dollars each are awarded to those students who, together with attaining a high average in Latin 4, present the best essays on some approved topic connected with the course.

THE BILLINGS PRIZES, from the income of a fund of \$1,000, given by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of twenty-five dollars and fifteen dollars are awarded for general excellence in the work of the sophomore year together with the best essays on special topics connected with the authors read in that year.

THE FRESHMAN PRIZE, part of the income of an anonymous fund of approximately \$1,500; twenty dollars is awarded for the highest scholarship in the Latin of the freshman year. The award is determined by the reading at sight of pages from Cicero, Livy, Horace, and Ovid.

THE JUNIOR PRIZES, part of the income of an anonymous fund of approximately \$1,500; two prizes of twenty dollars each are awarded to those students who, together with attaining a high average in Latin 3, present the best essays on some approved topic connected with the course.

MATHEMATICS, PHYSICS, AND ASTRONOMY

THE PORTER PRIZES, from the income of a fund of \$500, given by the late Eleazer Porter of Hadley; two prizes of ten dollars each are awarded for proficiency in first year physics and astronomy respectively.

THE WALKER PRIZES, part of the income of a fund of \$6,000, given by the late William J. Walker of Newport, Rhode Island: two prizes of fifty dollars and twenty-five dollars are awarded for proficiency in mathematics of the first year and two prizes of seventy-five dollars and thirty-five dollars for proficiency in mathematics of the second year. In each case the award is determined by an examination.

ADMISSION PRIZE

THE PORTER ADMISSION PRIZE, from the income of a fund of \$1,000, given by the late Eleazer Porter of Hadley; forty dollars is awarded to the student who passes the best examination in an ancient language, a modern language (French or German), English, and mathematics at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or

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of the instructor with whom he prepared for college, is published in the catalogue.

PUBLIC SPEAKING

THE BANCROFT PRIZE, an annual from the income of a fund of \$5,000, given by Frederick Bancroft of the class of 1882; prizes are awarded to members of the senior class who produce the best orations. Both composition and delivery are considered in making the award.

THE BOND PRIZE, from the income of a fund of \$2,000, given by the late Ephraim W. Bond of the class of 1841; one hundred dollars is awarded for the best production spoken on the Commencement stage. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty.

THE HARDY PRIZES, from the income of a fund of \$1,000, given by the late Alpheus Hardy of Boston; two prizes of twenty-five dollars and fifteen dollars are awarded for excellence in extemporaneous speaking.

THE KELLOGG PRIZES, from the income of a fund of \$33,000, given by the late Rufus B. Kellogg of the class of 1858; two prizes of sixty dollars each are awarded, one to a member of the sophomore class and one to a member of the freshman class, for excellence in declamation.

THE ROGERS PRIZE, from the income of a fund of \$1,000, given by Noah C. Rogers of the class of 1880; forty dollars is awarded to a member of the junior class for excellence in debate.

THE RAYMOND KEITH BRYANT PRIZE, an annual gift of twenty-five dollars from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play.

PRIZE SCHOLARSHIPS

THE HARVEY BLODGETT SCHOLARSHIP, from the income of a fund of \$2,000, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases.

THE PHI DELTA THETA SCHOLARSHIP, from the income of a fund of \$500, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to that student who has shown the greatest proficiency in biology.

(The two preceding scholarships usually are combined and awarded as one.)

THE ADDISON BROWN SCHOLARSHIP, from the income of a fund of \$5,000, bequeathed by the late Addison Brown of the class of 1852; two hundred dollars is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore, and junior years.

THE SAMUEL WALLEY BROWN SCHOLARSHIP, from the income of a fund of \$5,000, given by the late Samuel Walley Brown of the class of 1866; two hundred dollars is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability.

THE JOHN SUMNER RUNNELLS MEMORIAL, from the income of a fund of \$5,000, given in memory of John Sumner Runnells of the class of 1865; two hundred dollars is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preëminent in his zeal for knowledge and industry to attain it.

THE FRANK A. HOSMER SCHOLARSHIP, from the income of a fund of approximately \$12,000 established by Frank A. Hosmer of the class of 1875; four hundred and seventy-five dollars is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year.

OTHER PRIZES

THE ANNA BAKER HEAP PRIZE, from the income of a fund of approximately \$900, given by the late Arnold N. Heap of the class of 1873; forty dollars is awarded to that Senior who submits the best essay in the field of "Art."

THE JOHN GOUGH HOWARD PRIZE, an annual gift of twenty-five dollars from the class of 1919 in memory of their classmate, John Gough Howard, Editor-in-Chief-Elect of the Amherst Student, killed in military service in May, 1919, is awarded at the end of the college year to that member of the Editorial Board of the Amherst Student or to the author of a communication appearing in its columns, who, in the opinion of a Board of Judges, has written, prior to May first, the best editorial or communication aiming to influence undergraduate opinion.

THE MoseLey Prizes, from the income of a fund of \$5,000, given by the late Thomas W. H. Moseley of Hyde Park; two prizes of one hundred and fifty dollars and seventy-five dollars are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion.

THE HOWARD HILL MOSSMAN TROPHY, awarded annually to the mem-

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ber of the senior class, who, in the opinion of a committee consisting of the President of the Student Council, the Professor of Physical Education, and the Director of Intercollegiate Athletics, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word "honor" to be interpreted as relating both to achievement and to sportsmanship.

THE RALPH WALDO RICE PRIZE, from the income of a fund of \$1,000, given by Mrs. May Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; forty dollars is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty.

THE LINCOLN LOWELL RUSSELL PRIZE, from the income of a fund of \$1,000, given by J. W. Russell, Jr. of the class of 1899 in memory of his son; forty dollars is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College.

THE STANLEY V. AND CHARLES B. TRAVIS PRIZE, from the income of a fund of \$2,000, given by the late Charles B. Travis of the class of 1864; eighty dollars is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course.

THE WOODS PRIZE, an annual gift of sixty dollars in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course.

THE SAWYER PRIZE, from the income of a fund of \$1,574, given by the late Edmund H. Sawyer, hon. 1878; sixty dollars is available for a prize for excellence in the department of Hygiene and Physical Education.

THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY, a silver cup, given by Hon. Allen Treadway of the Class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

FELLOWSHIPS

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, established through the agency of the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

Applications should be made in writing to the Dean before January 7.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

- (1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.
- (2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees and shall be given to the Senior class, but the members of all the classes shall have the privilege of attending; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of nine hundred dollars was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE AMHERST MEMORIAL FELLOWSHIPS FOR THE STUDY OF SOCIAL, ECONOMIC, AND POLITICAL INSTITUTIONS

Fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purpose of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellow-ship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure. It is expected that, ordinarily, a portion of each appointment will be spent in study in Europe.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

Applications should be made before January seventh upon blank forms to be obtained from the Secretary of the Amherst Memorial Fellowships, Dean's Office, Amherst College.

THE JOHN WOODRUFF SIMPSON FELLOWSHIPS AND LECTURESHIPS

A fund of \$150,000 given in memory of John Woodruff Simpson of the Class of 1871, by his wife and daughter. The uses of the income as defined by the donors are as follows:

- "1. To award to any graduate of Amherst College a fellowship for use in studying law at any school approved by the Board of Trustees of the College;
- "2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;
- "3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;
- "4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession.
- "5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;
- "6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;
- "7. To secure from time to time from England, France or elsewhere scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

Application should be made in writing to the Dean before January 7.

THE FORRIS JEWETT MOORE FELLOWSHIPS

These fellowships, three in number, were given in memory of Forris Jewett Moore of the Class of 1889 by his widow, Emma B. Moore.

- 1. A fund of fifteen thousand dollars, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate and desires to engage in further study of that subject, preference to be given to eligible candidates whose plans lie in the field of organic chemistry. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.
- 2. A fund of ten thousand dollars, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate and desires to engage in further study on that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.
- 3. A fund of ten thousand dollars, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of philosophy while an undergraduate and desires to engage in further study on that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

Applications for these Fellowships should be made in writing to the Dean before January 7.

FELLOWSHIPS AWARDED BY THE AMERICAN SCHOOLS OF CLASSICAL STUDIES AT ATHENS AND ROME

The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any classical teacher at the College.

THE SHERMAN PRATT FACULTY FELLOWSHIPS FOR STUDY ABROAD

These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching and scholarship and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship will be expected on his return to the College to deliver to the college body one or more lectures.

LECTURESHIPS

THE HENRY WARD BEECHER LECTURESHIP

This lectureship was founded by Frank L. Babbott, LL.D., of the Class of 1878, in honor of Henry Ward Beecher, of the Class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the Departments of History and the Political, Social, and Economic Sciences.

THE CLYDE FITCH FUND

A fund of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

THE JOHN WOODRUFF SIMPSON LECTURESHIP

A fund of \$150,000 was established in memory of John Woodruff Simpson, of the Class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

HONORS

THE BOND FIFTEEN FOR 1937

Gordon Lyon Becker Philip Hall Coombs Fairman Chaffee Cowan John Vincent Elmer Robert Watson Elmer Henry Stuart Hughes Leonard Carpenter Meeker Joseph Walker Richmond

Edwin Charles Rozwenc William Lincoln Schoff Charles Blake Skinner John Burroughs Stearns Cornelius Vanderbreggen, Jr. Irving Waltman Charles Seymour Whitman, Jr.

The Bond Prize was awarded in 1937 to Cornelius Vanderbreggen, Jr.

PHI BETA KAPPA

President: Professor Ralph A. Beebe, ph.d.

Vice President: Professor Preserved Smith, Litt.d.

Recording and Corresponding Secretary: Professor George Banks
Funnell, M.A.

OFFICERS OF THE UNDERGRADUATE ORGANIZATION

President: DONALD ALAN MACHARG
Secretary and Treasurer: HENRY STIMSON HARVEY

First Election from the Class of 1938

James Thaddeus George Henry Stimson Harvey Melvin Kranzberg Orrin Harwood Lincoln, Jr. Donald Alan MacHarg Robert Hayes Parker Edgar Francis Taber, Jr. Harry Owen Whipple Thomas Porter Whitney

Second Election from the Class of 1937

Gordon Lyon Becker Philip Hall Coombs George Armour Craig Robert Walton Crawford John Vincent Elmer Hans Henry Frey David Willis Holmes

Jean Reed Keith Frederic Brewster Loomis, Jr. John Shepherd McDaniel, Jr. Keith Prudden Pattengill James Thomas Ramey John Burroughs Stearns

HONORS IN A SPECIAL SUBJECT, 1936-1937

Charles Blake Skinner

Philip Hall Coombs John Robert Berryman Dudley Chase Bostwick Aaron Lawrence Kingsberg John Allen Swainbank

Edwin Belcher Colburn Robert Watson Elmer

Frederic Brewster Loomis, Jr.

Fairman Chaffee Cowan
Henry Stuart Hughes
Leonard Carpenter Meeker
Thomas Porter Whitney
Jean Reed Keith
Edwin Charles Rozwenc
Charles Seymour Whitman, Jr.
Gordon Lyon Becker
Robert George Calder, Jr.
Harry Lionel Goff
Sheldon Gilkey Grubb
Robert Coleman James McKinstry

Robert Walton Crawford Winfield Keck John Burroughs Stearns

John Shepherd McDaniel James Thomas Ramey

Honors in Biology

Highest Honors in Economics High Honors in Economics Honors in Economics Honors in Economics Honors in Economics

Honors in English Honors in English

High Honors in Geology

Highest Honors in History Highest Honors in History Highest Honors in History Highest Honors in History High Honors in History High Honors in History Honors in History

Honors in Mathematics Honors in Mathematics Honors in Mathematics

High Honors in Political Science High Honors in Political Science

HONORABLE MENTION

1936-1937

Astronomy

1937 Henry Grant Fernald
 1938 Walter Orr Roberts
 1937 Keith Prudden Pattengill
 1938 Chester Alberti Weed

Biology

1937 John Burroughs Stearns
1939 Logan Oliver Jones
1937 Irving Waltman
1939 Richard Fifield Phillips
1939 Frederic Brooks Breed
1939 William Shackelford Putnam

Botany

1937 Frederic Brewster Loomis, Jr.

Chemistry

1938	Harry Owen Whipple	1939	Thomas Putnam Wilson
1939	Jerome Seymour Beloff	1940	Jerry Penrose Dougan
1939	David Mitchell Hildreth	1940	John Charles Haas
1939	Charles William Iben	1940	Warren Edward Lux
1939	Richard Fifield Phillips	1940	Leslie Merrill Redman
1939	Everett Hilton Pryde	1940	Thomas Atkinson Rodman

Economics

1937 John Robert Berryman	1938 James Thaddeus George
1937 Philip Hall Coombs	1938 Richard Sabourin Landry
1937 John Shepherd McDaniel, Jr.	1938 Robert Edward Simpson
1937 Edwin Charles Rozwenc	1938 Edgar Francis Taber, Jr.
1937 Thomas Porter Whitney	

English

1937 George Armour Craig	1938 Renslow Drew Sherer
1937 Robert Watson Elmer	1939 Victor Hall Hardendorff
1937 Horace William Jordan	1940 John Popkin Adams, IV
1938 Reniamin Peter Atkinson	1940 John Paul Good

Fine Arts

1937 Jean Reed Keith

French

- 1937 Fairman Chaffee Cowan 1940 Robert Tirrell Barker
- 1937 Hans Henry Frey 1940 Ralph Henry Bowen
- 1937 Henry Stuart Hughes 1940 John Paul Good
- 1937 William Lincoln Schoff

Geology

1939 William Shackelford Putnam

German

- 1937 John Vincent Elmer 1939 Robert Lamprecht Abbey
- 1937 Henry Stuart Hughes 1939 Paul Farmer
- 1937 Leonard Carpenter Meeker 1939 Victor Hall Hardendorff
- 1937 Edwin Charles Rozwenc 1939 Murray Bisbee Peppard
- 1937 Charles Seymour Whitman, Jr. 1939 Richard Fifield Phillips
- 1937 Thomas Porter Whitney
 1940 Stewart Lee Garrison, Jr.
 1938 Peter Nicholas Horvath
 1940 Leslie Merrill Redman
- 1938 Melvin Kranzberg

Greek

- 1937 George Armour Craig 1938 John Francis McGrath
- 1937 Robert Watson Elmer 1940 Ernest Alfred Johnson, Jr.
- 1938 Henry Stimson Harvey

History

- 1937 Fairman Chaffee Cowan 1938 Melvin Kranzberg
- 1937 Henry Stuart Hughes 1938 Thomas F. Power, Jr.
- 1937 Jean Reed Keith 1938 Edgar Francis Taber, Jr.
- 1937 Leonard Carpenter Meeker1939 Robert Francis Byrnes1937 Edwin Charles Rozwenc1939 George Merrill Scott
- 1937 William Lincoln Schoff 1940 Charles William Anderson, III
- 1937 Charles Seymour Whitman, Jr. 1940 George Rodney Harris, Jr.
- 1937 Thomas Porter Whitney 1940 Thomas Atkinson Rodman
- 1938 John Franklin Garde 1940 Howard Williams
 - oo jomi ramam ourae

Italian

1937 Henry Stuart Hughes 1937 Leonard Carpenter Meeker

Latin

1937 George Armour Craig 1940 John Paul Good

Man and His Environment

1940 Arnold Mitchell

Mathematics

1	937	Robert Walton Crawford	1940	John Paul Good
1	937	David Willis Holmes	1940	John Charles Haas
1	937	Winfield Keck	1940	George Rodney Harris, Jr.
1	937	John Burroughs Stearns	1940	Fenimore Thomas Johnson
1	938	Orrin Harwood Lincoln, Jr.		Leslie Hamilton Kerr, Jr.
1	939	Richard Fifield Phillips	1940	Warren Edward Lux
1	939	Thomas Putnam Wilson	1940	Bruce Morrill Minnick
1	940	Robert Tirrell Barker	1940	James Roy Ozanne, Jr.
1	940	Robert Padgett Barnes	1940	John Norton Rechel
1	940	Robert Evan Bingham	1940	Leslie Merrill Redman
1	940	Charles Wiggins Cobb, Jr.	1940	Thomas Atkinson Rodman
1	940	Edward Kent Damon	1940	Frederick Albert Eric Schultz
1	940	John Knight Dustin	1940	John Gilbert Tinker
1	940	Louis Franklin Eaton, Jr.	1940	Howard Williams
		Mu.	cia	
1	.937	Gordon Lyon Becker	1937	Hans Henry Frey
		Philos	ophy	
1	937	Fairman Chaffee Cowan	1938	David Repplier Boyd
1	937	George Armour Craig		James Thaddeus George
		Thomas Andrew Kennedy, Ir.		
1	937	Ned Burr McKenney	1939	John William Atherton
		Leonard Carpenter Meeker		Charles William Iben
		Robert Earl Newcomb, Jr.		
		Phys	***	
		· ·		D
1	.939	Richard Fifield Phillips	1940	Fenimore Thomas Johnson
		Political	Scienc	ce
1	937	John Robert Berryman	1937	Cornelius Vanderbreggen, Jr.
		Clement Fessenden Merrill		Thomas Porter Whitney
1	937	James Thomas Ramey		Melvin Kranzberg
		-		

Psychology

1937 Frederic Brewster Loomis, Jr. 1938 Robert Edward Simpson

1937 Edwin Charles Rozwenc 1938 Robert Edward Simpson

1938 John E. Lehman

1937 William Lincoln Schoff

Religion

1938 Milton Spielman

PRIZES AWARDED, 1936-1937

English

Lngi	usn
The Armstrong Prize	. Peter Archie Campbell, 1940
The Folger Prizes	• '
First	. No award
Second	. Harry Fisher Jones, Jr., 1938
The Collin Armstrong Poetry Prize	
The John Franklin Genung Prize	
The Harry Richmond Hunter, Ir	
Prize	
Gre	
The Hutchins Prize	John Francis McGrath 1938
The William C. Collar Prize	
Lat	in
The Bertram Prizes	D. I. II. D. I. 1000
Divided equally between	Robert Hayes Parker, 1938
The Junior Prizes	. Norman Shepherd Buckingham, 1937
The Billings Prizes	
First	
Second	.Edward Segal, 1939
The Freshman Prize	. Paul Farmer, 1939
Mathematics, Physi	cs, and Astronomy
The Walker Prizes (first year)	
First	. John Charles Haas, 1940
Second	
Divided equally between	Robert Irwin Henkel, 1940 Fenimore Thomas Johnson, 1940
	Fenimore Thomas Johnson, 1940
The Walker Prizes (second year)	
First	Richard Fifield Phillips, 1939
Second	. Thomas Putnam Wilson, 1939
The Porter Prizes	
Physics	
Astronomy	. Walter Orr Roberts, 1938
Public S	
The Kellogg Prizes	James Henry Green, 1939
The Kenogg Frizes	Leslie Merrill Redman, 1940
	•

The Hardy Prizes First
Other Prizes
The Porter Admission Prize
The Woods Prize combined with the Stanley V. and Charles B. Travis Prize
Divided equally between { Henry Stuart Hughes, 1937 Thomas Porter Whitney, 1937
The Treadway Interfraternity Scholarship TrophyLord Jeffrey Amherst Club The Ralph Waldo Rice PrizeBenjamin Peter Atkinson, 1938 The Dante PrizeNo award The Lincoln Lowell Russell Prize
The Moseley Prizes First
SCHOLARSHIPS AWARDED FOR 1937–1938
The Addison Brown Scholarship Harry Owen Whipple, 1938 The Samuel Walley Brown Scholarship

The John Summer Runnels Memorial Richard Fifield Phillips, 1939 The Frank A. Hosmer Scholarship...John Paul Good, 1940

FELLOWSHIPS AWARDED FOR 1937-1938

The Roswell Dwight Hitchcock Me)-							
morial Fellowship	. William Lincoln Schoff, B.A.							
The Rufus B. Kellogg University								
Fellowship	. Philip Truman Ives, M.A.							
	Frederick Charles Barghoorn, B.A.							
The Amherst Memorial	John Bowditch III, B.A.							
Fellowships	Philip Hall Coombs, B.A.							
	Edwin Charles Rozwenc, B.A.							
	Thomas Porter Whitney							
T1 I-1 W1 #C'	Bailey LeFevre Brown, M.A.							
The John Woodruff Simpson	Fairman Chaffee Cowan, B.A.							
Fellowships	George Armour Craig, B.A.							
	William Summer Johnson, B.A.							
The Forris Jewett Moore Fellowship	os							
In Chemistry	. David Willis Holmes, B.A.							
In History								
SHERMAN PRATT FACULTY FELLOWSHIPS								
AWARDED FOR 1937–1938								

DEGREES CONFERRED JUNE 21, 1937

BACHELOR OF ARTS

Summa Cum Laude

Henry Stuart Hughes Leonard Carpenter Meeker Thomas Porter Whitney

Magna Cum Laude

Gordon Lyon Becker Phillip Hall Coombs Fairman Chaffee Cowan George Armour Craig Robert Walton Crawford John Vincent Elmer Robert Watson Elmer Hans Henry Frey David Willis Holmes Jean Reed Keith

Frederic Brewster Loomis, Jr.
John Shepherd McDaniel, Jr.
Joseph Walker Richmond
Edwin Charles Rozwenc
William Lincoln Schoff
Charles Blake Skinner
John Burroughs Stearns
Cornelius Vanderbreggen, Jr.
Irving Waltman
Charles Seymour Whitman, Jr.

Cum Laude

Stephen Ives Allen Raynold Arthur Arcuri Laurence Nexsen Barrett Howell Andrew Bates John Robert Berryman Richard Edward Bodkin Robert Nelson Bonnett Dudley Chase Bostwick David Wyman Brewer Robert George Calder, Jr. Angus Warner Clarke, Jr. Harold Warren Cobb Charles Norton Coe John Smiley Coey, II Edwin Belcher Colburn George Francis Cramer, Ir. William Wrigley Cutter, Jr. James Campbell Edgell Stephen Tapper Ellen Gordon Holland Ewen

Samuel Bernard Feinberg Jose Webster Fenderson Henry Grant Fernald Harry Lionel Goff Benjamin Franklin Goodrich, Jr. Sheldon Gilkey Grubb Harvey Hager Hatheway Duncan McClave Holthausen Hayden Briggs Johnson Horace William Jordan Winfield Keck Aaron Lawrence Kingsberg John Gravette Lamb George Steck Lambert John Huntington Lancaster Dwight Wingate Lee Charles Graham McCormick John Richard McDermott Robert Coleman James McKinstry Alan Arthur Mahanke

Stuart Anthony Maher Clement Fessenden Merrill G. Henry Mundt, Jr. Robert Earl Newcomb, Jr. Albert Tamboise Nice Lewis Hall Palmer Keith Prudden Pattengill George Hopkins Phreaner John Joseph Plante, Jr. Edward Eri Poor, IV James Thomas Ramey Rowland Vance Rider Francis Leland Rose Carl Dunkle Sheppard, Jr. Girvan Noble Snider, Jr. Arthur Innis Strang, Jr. John Allen Swainbank Thomas Kauffman Taylor Eben Dawes Tisdale Charles Leonidas Tooker George Spencer Trees J. B. Millard Tyson Kenneth Merrell Walbridge William Harvey Webster, Jr.

Rite

James B. McKee Arthur, Jr. Harold Shuttleworth Atwood, Jr. Benson Martin Austin George Richards Bacon Edgar Allison Baird, Jr. David Clark Bole, Ir. Charles Edward Bradley, Jr. William Bulkeley Braman Robert Thomson Breed Melbourne Corbit Browning, Jr. Norman Shepherd Buckingham John Conway Bush William Henry Claus Robert John Close Thomas Marvin Colton Lucian Ioseph Colucci **Buell Critchlow** Kenneth Ian Deane Philip Maue Deisroth Robert Lionne DeWitt Archibald Grey Douglass, Jr. Ernest Edwin Ellert John Olin Epple William Edwin Fairley Paul Victor Farrell John U. Fehr Robert Soffel Fichtel

John Elliott Field, Jr. F. Alexander Frank Robert Edmund Garton Harry Fitzhugh Gray, Ir. Edward Pelton Green Herbert Emanuel Greenstone Roger Philip Gregory Daniel Fuller Griggs, Ir. William Albert Grouse Franklin Hovey Hemphill Robert Byron Hevenor Henry Cody Higginbottom Carl Frederick Holthausen, Jr. George Taylor Howard Walter Asahel Hoyt, Jr. George Anson Jackson Warren Treadwell Johnson Jean Paul Jones, Jr. Douglas Richards Kennedy Thomas Andrew Kennedy, Ir. Robert Donald Wike Landon William Nicholas Larkin Daniel Capwell Lawton James Rogers Leech Calvert Bernard Lindquest Andrew Ryder Linscott Gordon Lee Lundwall

Thomas Joseph McGurl, Jr. Robert Gibson McIlrov George Gros Mason Robert Keiser Massey Charles Merrill Matzinger Leonard Seufferle May Richard Allen Merritt Jones Warren Mersereau Daniel Cornelius Minnick William Niles Mustard Leo Joseph Pagnotta William Mitchell Palmer, III Jerome Frederick Peck, Jr. Frank Adelbert Peltier, Jr. Clement Richardson Phippen Horace Crain Reider William Wilkinson Reilly Melville Edward Reiner Leland Penniwell Russell, Ir. John Peter Saul, III Charles Jarvis Schauffler Charles D. Schilling Walter Gordon Schmitt James Sammis Schnepel

Winfield Felix Scott Iames MacArthur Selby Walter Lewis Seligsberg Clement Merrill Simmons Alfred Anthony Snowball Reuben Wendell Snyder Robert Peabody Snyder Charles Churchill Stafford James Blaine Sweeny, Jr. Benjamin Pellington Terry William James Thompson, Jr. Roy Erb Tilles, Jr. William Bower Mitchell Tracy, Jr. Proctor Clark Twichell Stuart Douglas Walker, Jr. Lewis Wardell, Jr. Durbin Harper Wells Matthew Tilgham West Walter Hugh Whitehill, Ir. James Platt Wilkerson, III Edward David Williams Robert Hackman Williams Stanwood Wollaston Richard Spiro Zeisler

MASTER OF ARTS

Daniel Burt Caudle, B.A.

Donald Eugene Copeland, B.A.

HONORARY DEGREES

CONFERRED JUNE 21, 1937

DOCTOR OF SCIENCE
STEPHEN RUSHMORE

DOCTOR OF HUMANE LETTERS
WILLIAM ORR

DOCTOR OF DIVINITY
HUGH WELLS HUBBARD
WILLIAM APPLETON LAWRENCE
Bishop of Western Massachusetts

DOCTOR OF LAWS

EDWARD TUCKERMAN ESTY

HENRY LEWIS STIMSON

MEDALS

FOR EMINENT SERVICE AWARDED JUNE 21, 1937

EDMUND ALLAN WYMAN

WALTER STUART ORR

ENROLLMENT

SUMMARY OF ENROLLMENT

The total for each class includes the students who are provisionally enrolled with that class.

provisionally enrolled with that class.							
Fellows			12				
GRADUATE STUDENTS.			9				
Seniors			183				
			194				
•			228				
			232				
		NROLLED	9				
		for a Degree	2				
			869				
Deduct for names cour	ited tv	wice	9				
Not Total			860				
Net Total		• • • • • • • • • • • • • • • • • • • •	000				
CLASSIFICATION OF U	JNDE	RGRADUATES BY RESIDE	NCE				
Massachusetts	196	West Virginia	3				
New York	175	California					
New Jersey	89	Colorado	2 2 2				
Pennsylvania	72	Florida					
Connecticut	56	Alabama	1				
Illinois	49	Arkansas	1				
Ohio	45	Idaho	1				
Missouri	28	Indiana	1				
Michigan	21 21	Louisiana	1				
Rhode Island	10	Oklahoma	1				
Maryland	9	Oregon	1				
Minnesota	9	Tennessee	1				
Vermont	7	Texas	1				
District of Columbia.	6	Japan	2				
Nebraska	6	Cuba	1				
Maine	5	England	1				
New Hampshire	5						
Iowa	4	Total	839				
Delaware	3						

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THE SOCIETY OF THE ALUMNI

(Annual Meeting in Commencement Week)

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WILLIAM B. GREENOUGH, '88

President:

HOWARD A. HALLIGAN, '96

Vice-Presidents:

Frank M. Lay, '93 Albert W. Atwood, '03 Harold C. Keith, '08 Theodore A. Greene, '13 Harold F. Johnson, '18

Secretary-Treasurer:

Frederick S. Allis, '93

Nominating Committee:

George W. Cornell, Jr., '18, Chairman Clifford P. Warren, '03 John McChesney, '08 Carlile Bolton-Smith, '23 John Coolidge, '28

Honorary Inspector of Election:

AUDUBON L. HARDY, '79

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ROBERT S. KNEELAND, '05, *Chairman* CLAIR F. LUTHER, '89 WALTER A. DYER, '00

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Secretary: Frederick S. Allis, '93

Executive Committee:

Walter S. Orr, '12, Chairman Howard A. Halligan, '96, ex-officio Frederick T. Bedford, '99 Clarence Francis, '10 Richardson Pratt, '15 Dwight B. Billings, '18 Charles G. Wray, '21 Frederick S. Allis, '93, Secretary

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1867	NATHANIEL M. TERRY	1889	STUART W. FRENCH
1873	FRANK G. NELSON	1890	EDWIN S. HUNT
1877	Alonzo T. Searle	1891	CHARLES H. MILES
1878	ARTHUR H. WELLMAN	1892	George P. Hitchcock
1879	LEROY W. HUBBARD	1894	Warren D. Brown
1880	George G. Sears	1895	ROBERT B. OSGOOD
1881	Francis A. Christie	1896	BENJAMIN F. KAUFFMAN
1882	J. Howard Hobbs	1897	EVERETT L. MORGAN
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1885	SAMUEL H. WILLIAMS	1899	HARRY B. MARSH
1886	CHARLES F. MARBLE	1900	FRANK E. BOGUES
1887	George H. Haynes	1901	EDWIN CUSHMAN
1888	WILLIAM B. GREENOUGH	1902	HENRY D. RANDALL

1903	EDWARD G. LONGMAN	1921	KENNETH R. MACKENZIE
1904	J. Frank Kane	1922	EDWARD W. EAMES
1905	EDWARD A. BAILY	1923	JAMES B. WILLIAMS
1906	CLIFFORD M. BISHOP	1924	EUGENE B. WHITTEMORE
1907	CHESTER H. ANDREWS	1925	F. CURTIS CANFIELD
1908	STANLEY L. WOLFF	1926	EDMUND K. GRAVES
1909	F. RAYMOND GILPATRIC	1927	WILLIAM F. REGNERY
1910	JOHN C. WIGHT	1928	HERBERT P. CATLIN
1911	JOHN P. ASHLEY	1929	PERRIN STRYKER
1912	HARRY H. PEIRCE	1930	LAURENCE T. MAYHER
1913	HENRY S. LOOMIS	1931	E. SHERMAN ADAMS
1914	HAROLD E. SHAW	1932	STEWART M. STRONG
1915	C. Lawrence Münch	1933	GEORGE L. CADIGAN
1916	LEO N. SHAW	1934	ROBERT L. SMITH, JR.
1917	LUKE D. STAPLETON	1935	FREDERICK S. ALLIS, JR.
1918	WILLIAM B. STITT	1936	DONALD L. BARTLETT, JR.
1919	LEONARD P. MOORE	1937	JEROME F. PECK, JR.
1920	THEODORE L. BUELL		

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Northern California
Northwest
Philadelphia
Rhode Island
Rochester
Rocky Mountains
St. Louis
Southern California
Southwest
Western Pennsylvania
Washington State

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STUART RIDER, '16
WILLIAM B. M. TRACY, '08
HENRY L. BURDICK, '03
WILLIAM J. BABCOCK, '11
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WILLS T. ENGLE, '28
RAYMOND B. COOPER, '15
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STUART C. FRAZIER, '22

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Secretary

EDWARD W. BLATCHFORD

Jerusalem, Palestine

APPENDIX

SCHOLARSHIP FUNDS

The following is a list of the Scholarship Funds of the College, the income of which or part thereof is available for Scholarships and other forms of Student Aid.

Adams Benevolent Fund							\$5,000.00
The Anderson Scholarship							1,870.00
Frank L. Babbott							10,000.00
Lydia Richardson Babbott							50,000.00
Danforth Keyes Bangs .							4,000.00
Edmund P. and Susan Ma							7,750.25
Ivory H. Bartlett	•						5,000.00
Albion F. Bemis							2,000.00
Dolly Colman Blake .	•						1,000.00
The Borden Scholarship							1,870.00
William Louis Bray, Class							100.00
Alexander H. Bullock .							1,500.00
John A. Callahan							6,145.57
Joseph Carew				•	ŀ		1,046.40
Centennial Gift, a part of							123,400.00
The Charitable Fund .							113,619.35
Edwin Clapp							4,624.99
Jefferson Clark							10,000.00
Class of 1826							500.00
" " 1831							1,255.00
" " 1836							1,250.00
" " 1839							1,200.00
" " 1844							500.00
" " 1845							1,000.00
" " 1846							1,000.00
" " 1849							1,000.00
							1,230.00
" " 1852							1,000.00
" " 1853			•				1,500.00
" " 1855							1,121.83
" " 1856							1,000.00
" " 1857							1,500.00
" " 1858							1,250.09

Class of 1859				\$2,650.00
				2,860.76
" " 1860				3,000.00
" " 1865				1,008.31
" " 1869				1,670.76
" " 1871				2,186.11
" " 1877				2,500.00
" " 1880				3,038.96
" " 1880				5,000.00
Edmund Cogswell Converse				50,000.00
Composite-Classes of 1829-35-38-66-6	7-70			1,262.28
George Cook				1,050.00
William Lyman Cowles, Class of 1878				3,000.00
Day Benevolent Fund				5,000.00
Day Benevolent Fund				1,258.33
Sidney and Hannah Dillon				5,000.00
Warren F. Draper				2,000.00
James M. Ellis				5,056.11
James M. Ellis				3,000.00
Emerson Gaylord				6,000.00
Henry Hill Goodell, Class of 1862				2,000.00
The Greene Scholarship				1,000.00
Henry Gridley, Class of 1862				2,060.49
Thomas Hale				1,000.00
Thomas Hale				5,000.00
William Hilton				50,000,00
The Hitchcock Scholarship Endowmen				11,270.00
Clarissa Dodge Howard				10,000.00
Mary W. Hyde				1,000.00
Sarah B. Hyde				1,000.00
A. J. Johnson, Class of 1823				1,046.40
John C. Kimball				1,000.00
Eugene Kimball				2,000.00
Henry A. King, Class of 1873				5,000.00
Lucius J. Knowles				3,000.00
Henry Lobdell				2,000.00
Charlotte Procknow McClelland				305.81
Charles Merriam				2,414.23
J. C. B. Miller, Class of 1869				1,000.00
Moore Beneficiary Fund Anson Daniel Morse Memorial				28,502.29
Anson Daniel Morse Memorial				2,500.00

APPENDIX

Charles Morton Merrill	36
Charles L. Morse	00
Charles Fitch Morse	00
Harold Ely Morse Memorial	00
John C. Newton	00
James H. Newton	00
Edward H. Perkins, Jr 5,000.	00
The Persian Scholarship	85
Pratt Cottage Aid Fund	00
President's Loan Fund	00
The Reed Scholarships	00
George Milton Reed 5,056.	11
Emily B. Ripley	00
S. Robinson	00
E. Russell 8,000.	00
Lowell Russell	43
John E. Sanford, Class of 1851 10,000.	00
James S. Seymour	00
Isaac F. Smith Student Loan Fund	00
Special 1901 Endowment Fund	00
Wells Southworth, Class of 1822	00
Caleb Stimson	00
Stone Educational Fund	00
Henry E. Storrs 5,000.	00
L. H. Thayer 5,000.	00
G. R. Tucker	00
Quincy Tufts	00
Sarah Tuttle	43
W. S. Tyler, Class of 1830 1,000 .	
George H. Watson Memorial 62,705.	79
Edwin P. Wells	58
The Whitcomb Scholarship	
Herbert Otis White	
Harry Wilbur 5,000.	
Henry Lawrence Wilkinson Memorial 5,000.	
The Worcester Scholarship 5,000.	00

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